

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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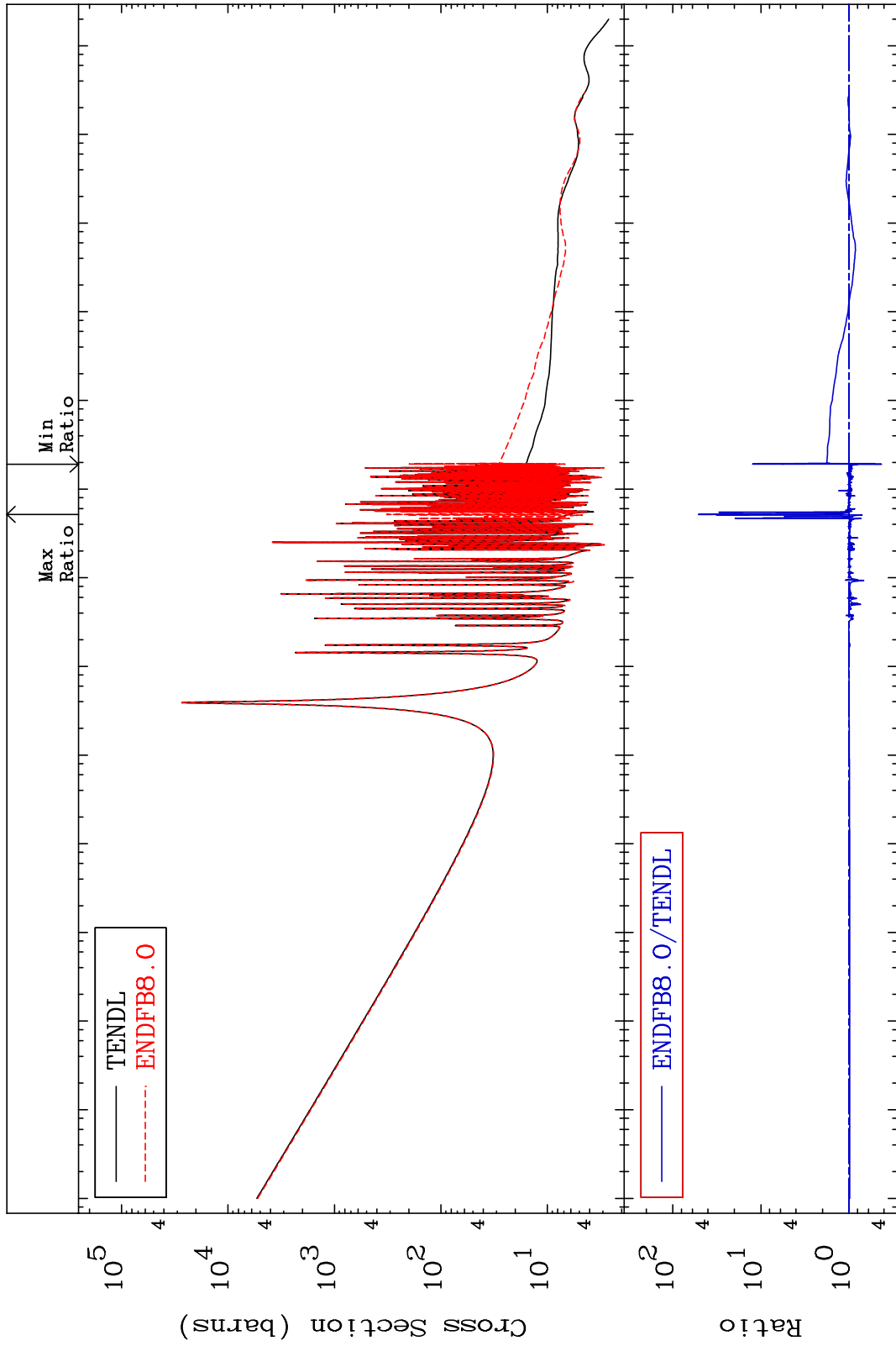
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6925

Total
Cross Section

69-Tm-169
-57.28 To 5035. %



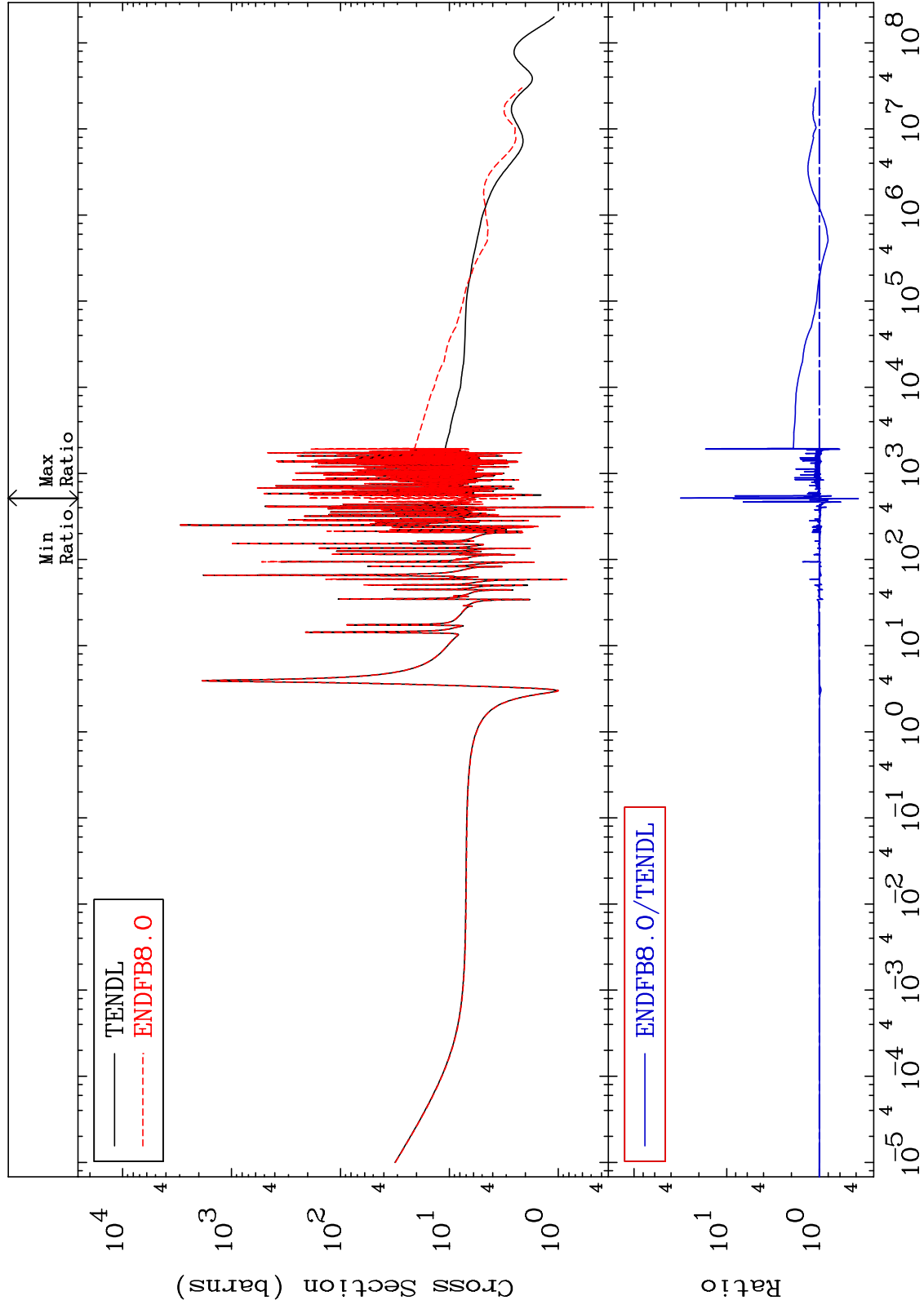
69-Tm-169

Incident Energy (eV)

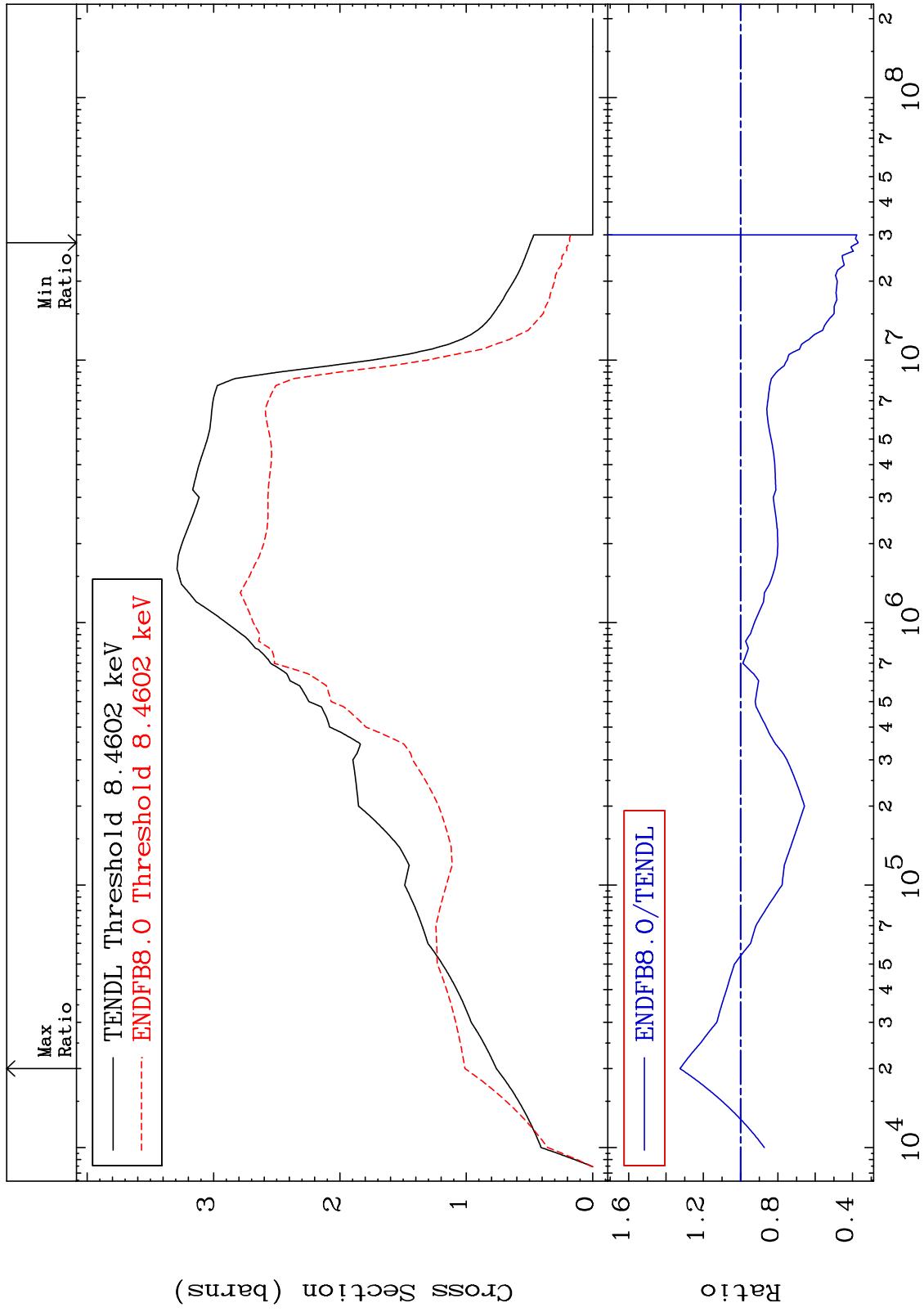
MAT 6925

Elastic
Cross Section

69-Tm-169
-62.27 To 3058. %

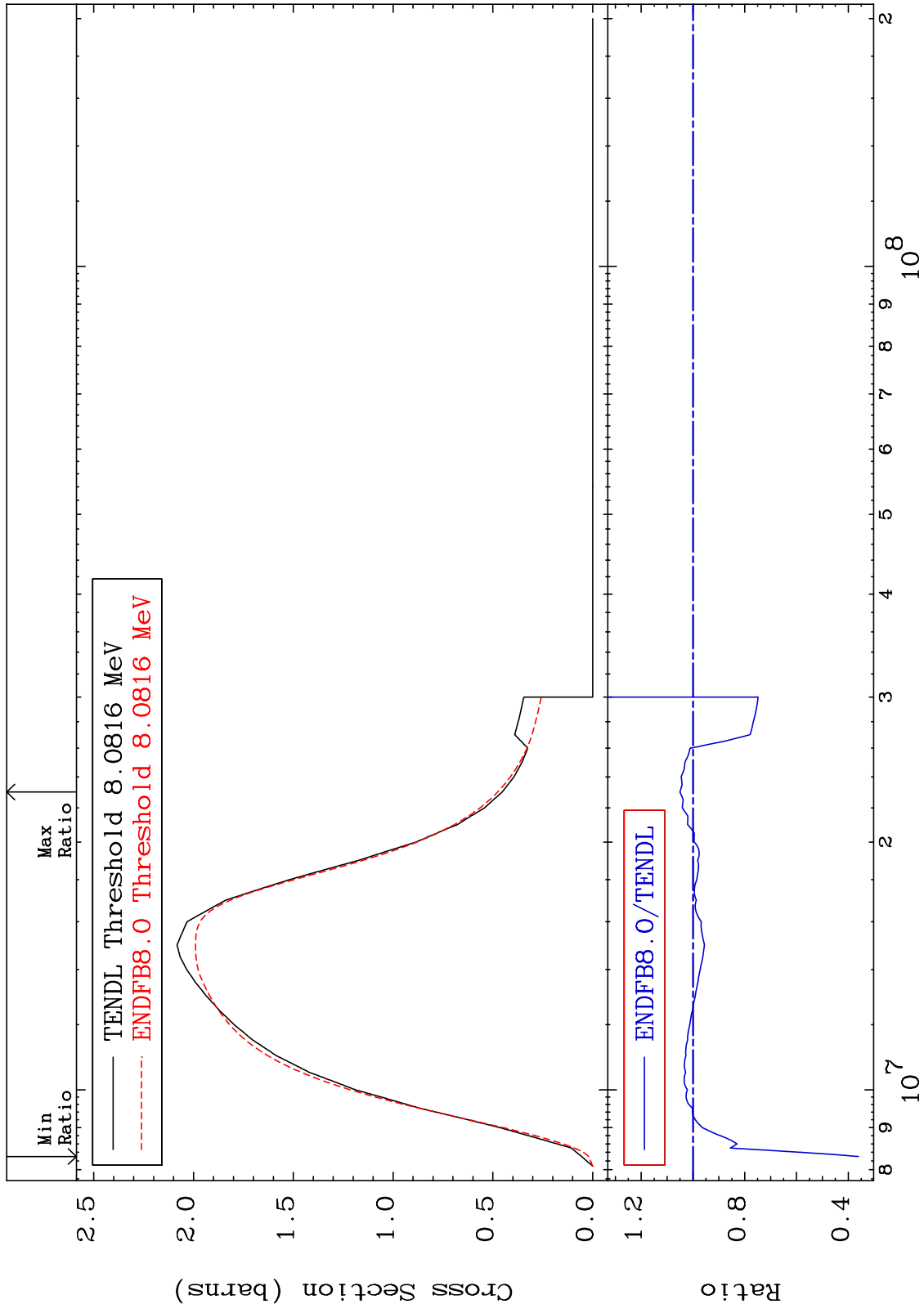


MAT 6925 Inelastic Cross Section 69-Tm-169 -63.15 To 32.52 %



3 Incident Energy (eV) 69-Tm-169

MAT 6925 $(n, 2n)$ Cross Section 69-Tm-169 -63.91 To 4.998 %



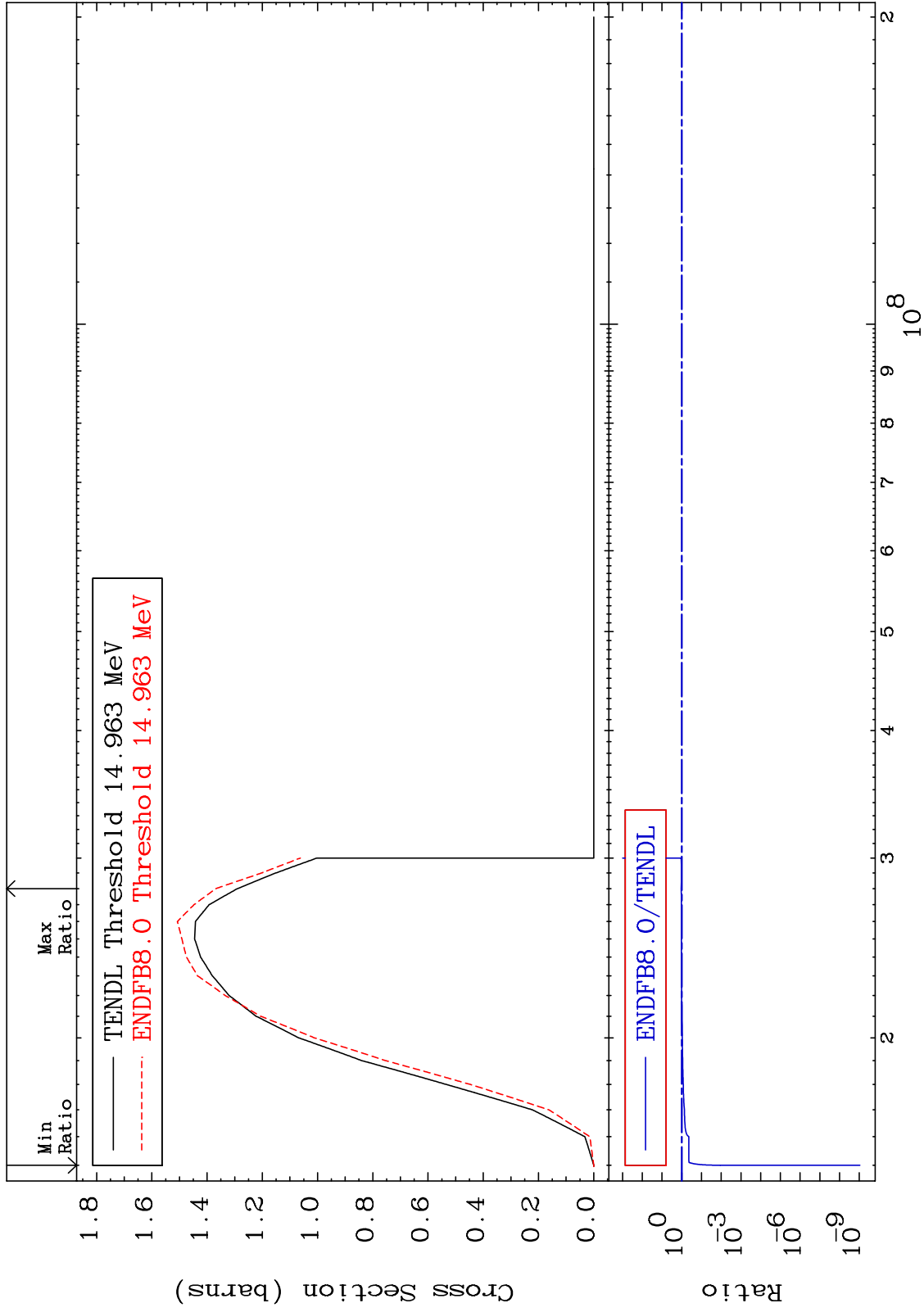
MAT 6925

(n, 3n)

69-Tm-169

Cross Section

-100.0 To 6.071 %



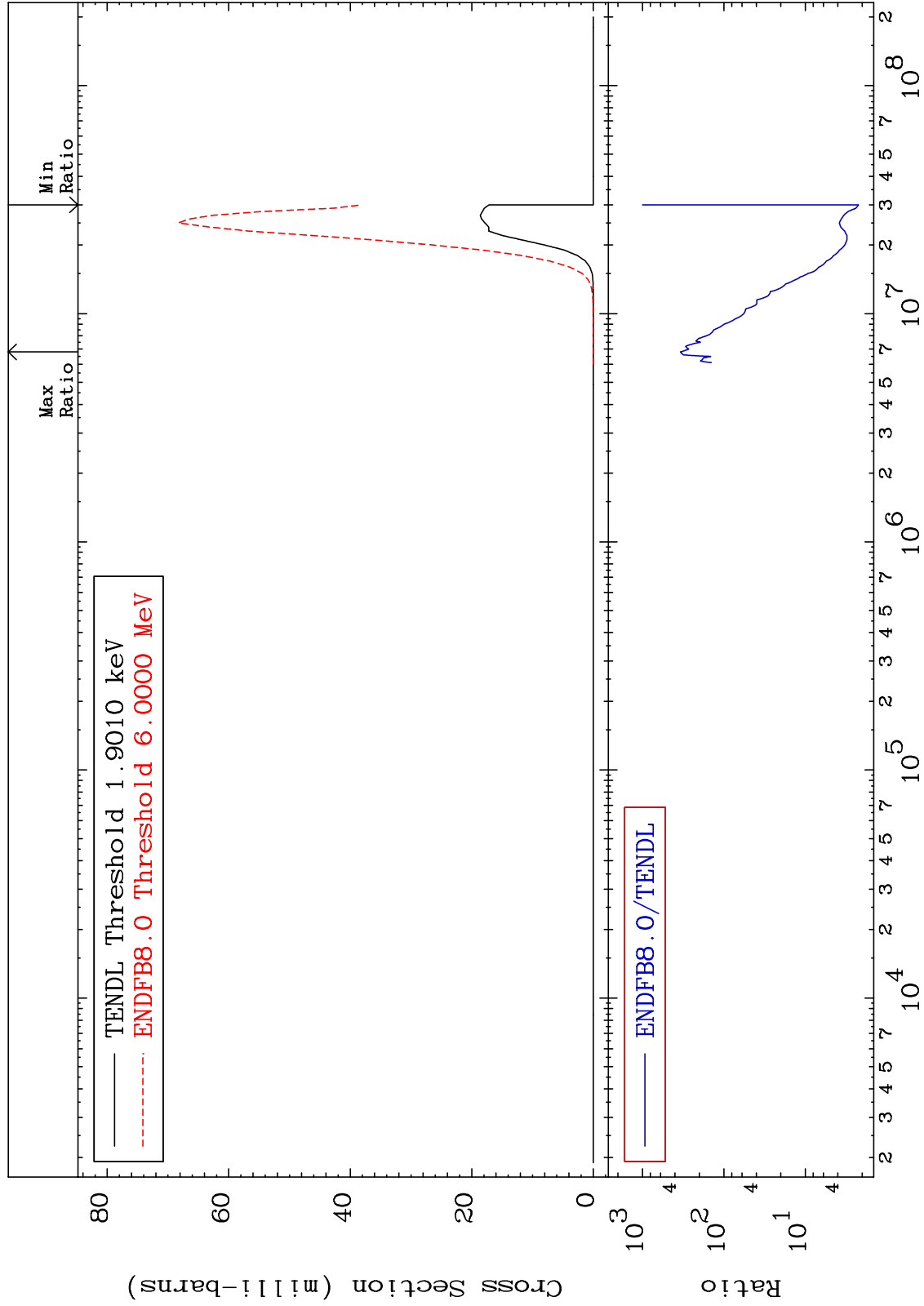
MAT 6925

(n,n') α

Cross Section

69-Tm-169

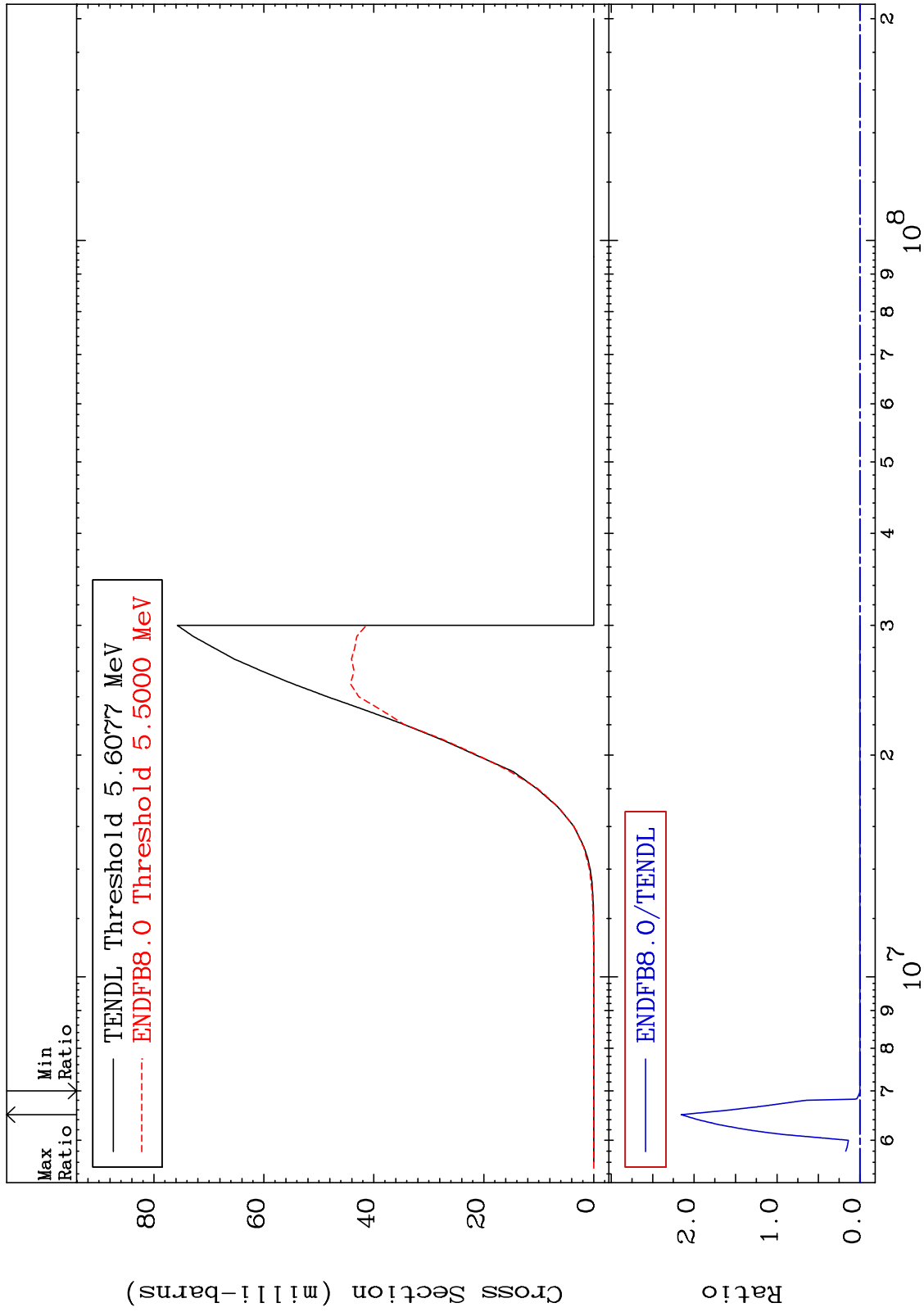
122.2 To 9999. %



MAT 6925

(n,n') p
Cross Section

69-Tm-169
-100.0 To 9999. %



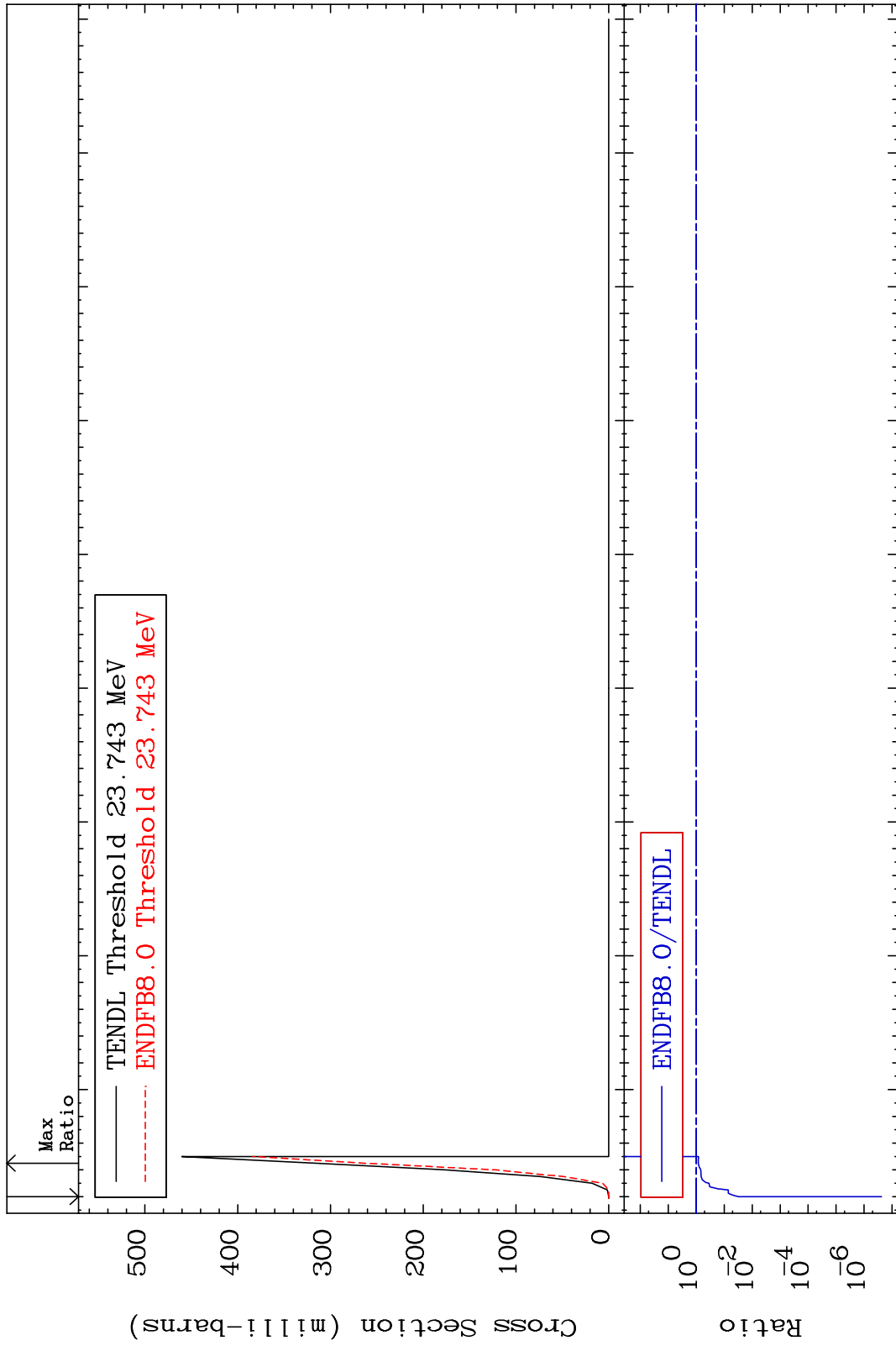
MAT 6925

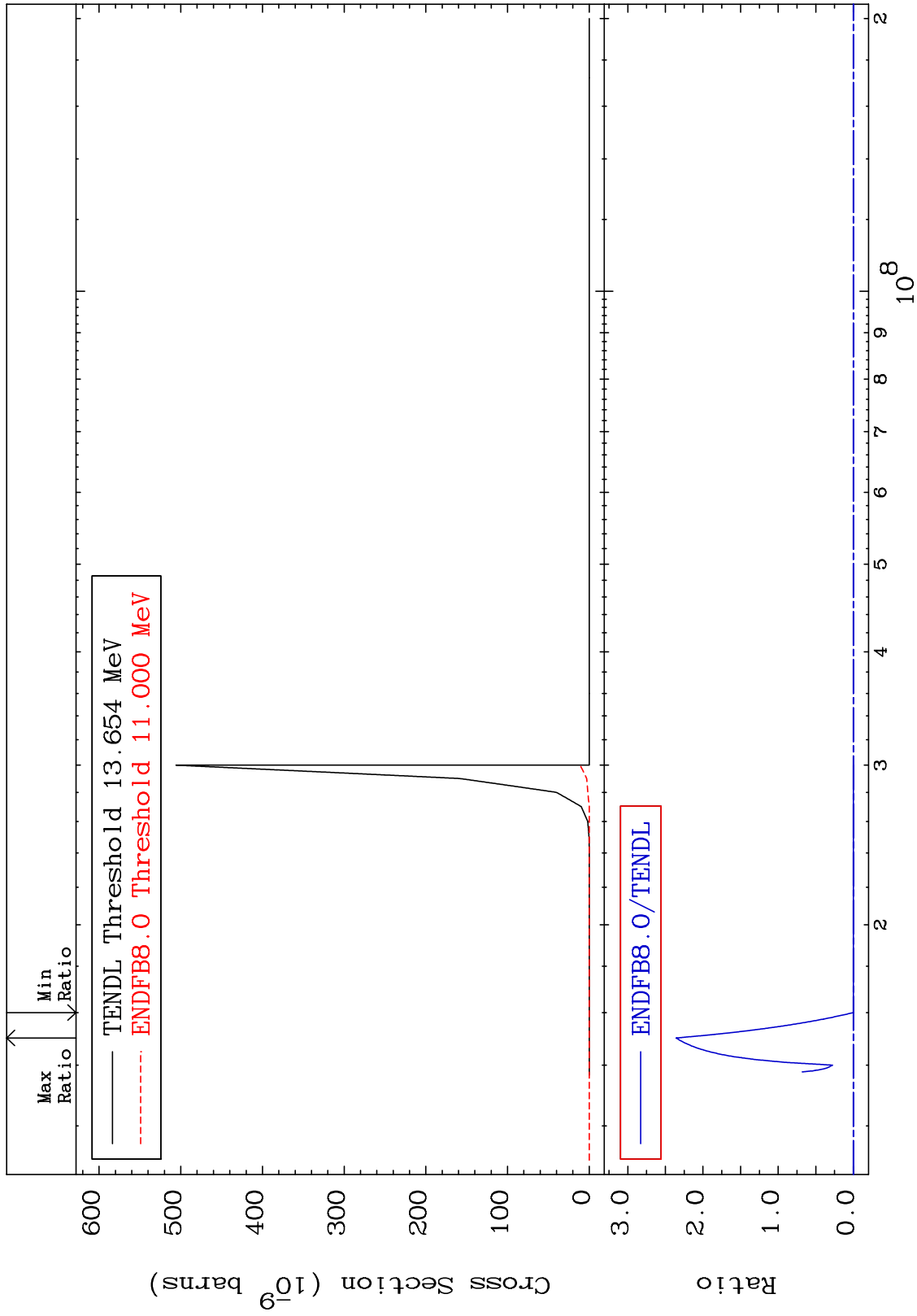
(n, 4n)

69-Tm-169

Cross Section

-100.0 To -16.22%

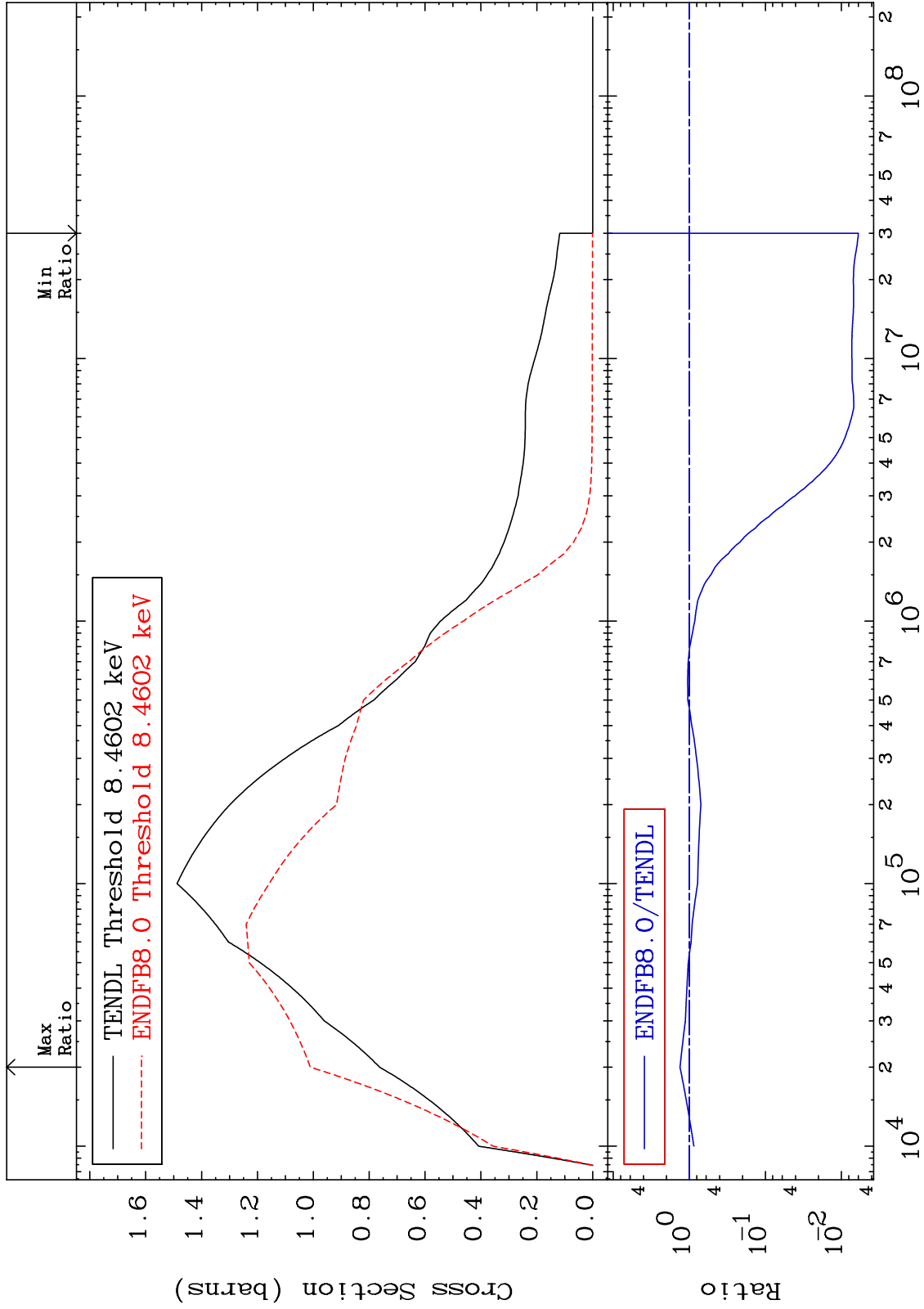




MAT 6925

MT= 51 (n,n') Level
Cross Section

69-Tm-169
-99.40 To 32.52 %



69-Tm-169

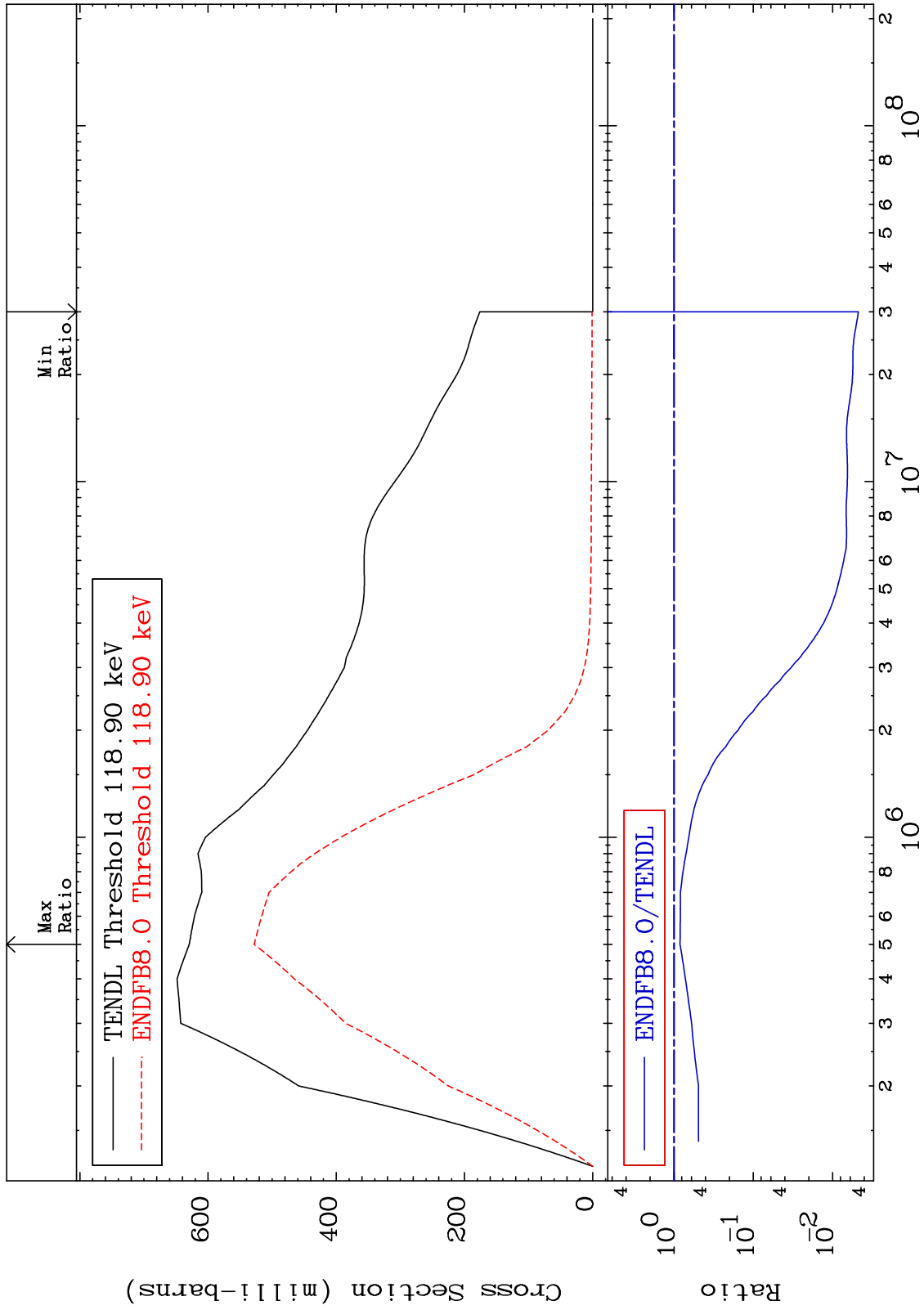
Incident Energy (eV)

10

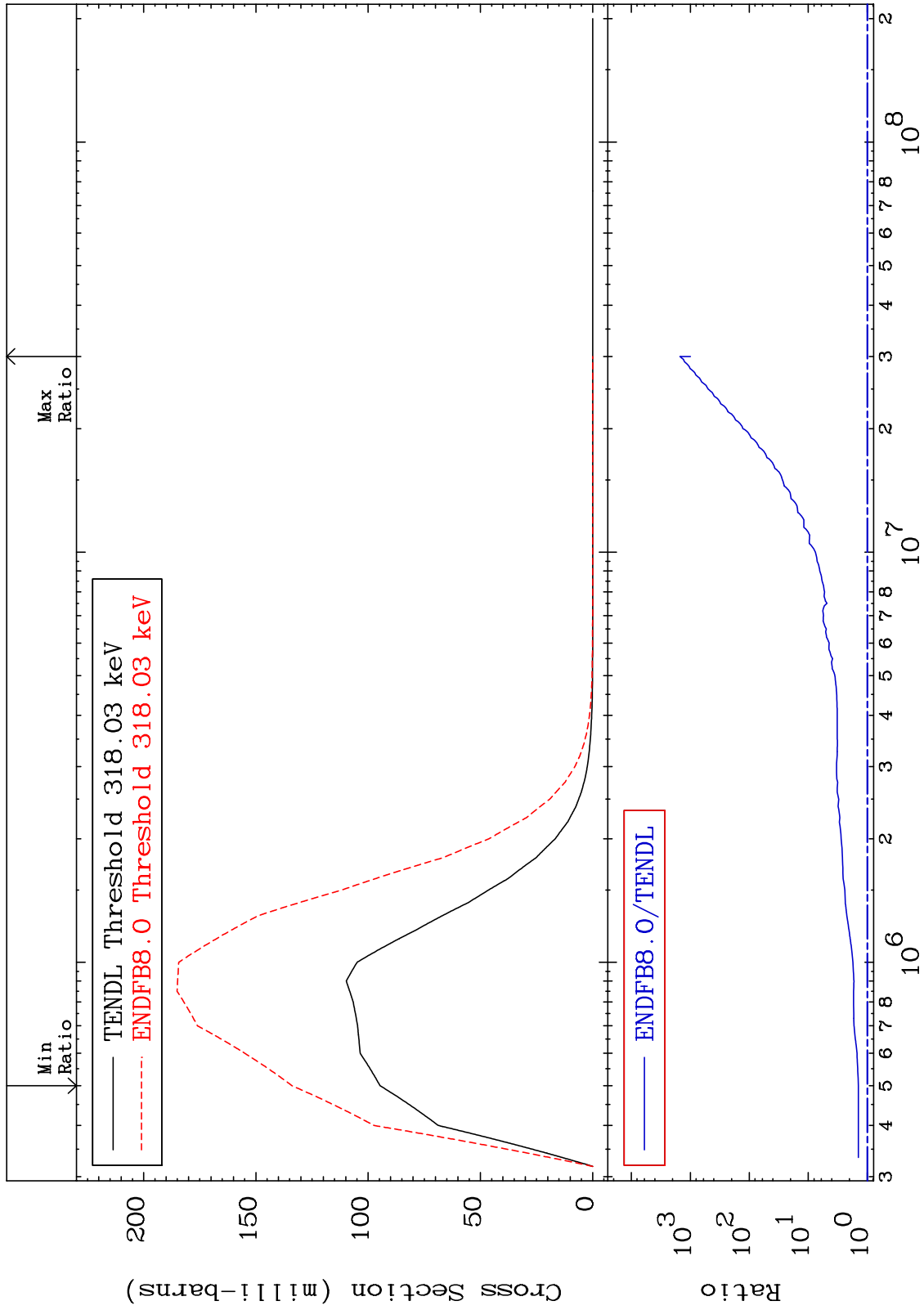
MAT 6925

MT= 52 (n,n') Level
Cross Section

69-Tm-169
-99.53 To -16.10%



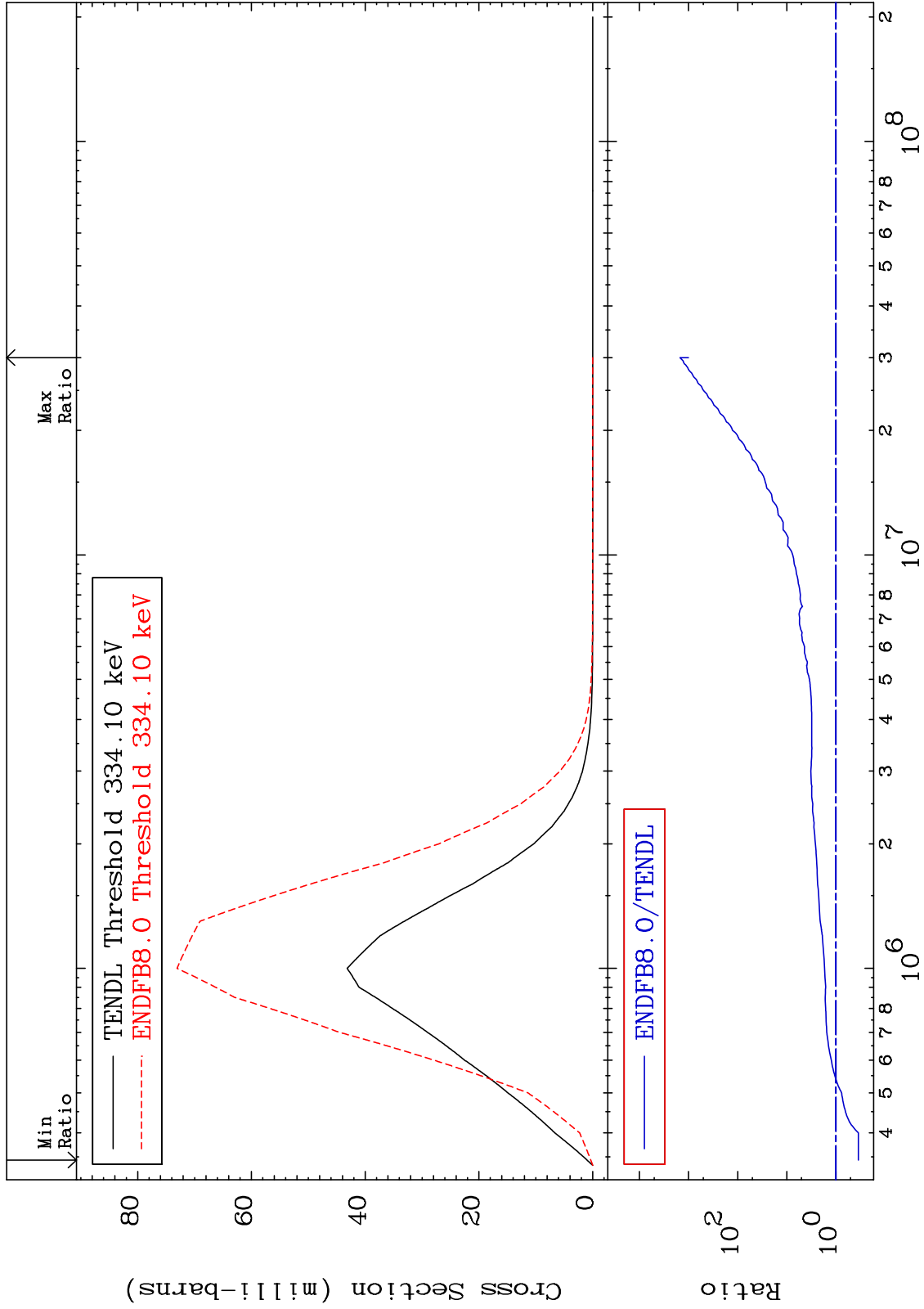
MAT 6925 MT= 54 (n,n') Level Cross Section 69-Tm-169
 41.36 To 9999. %



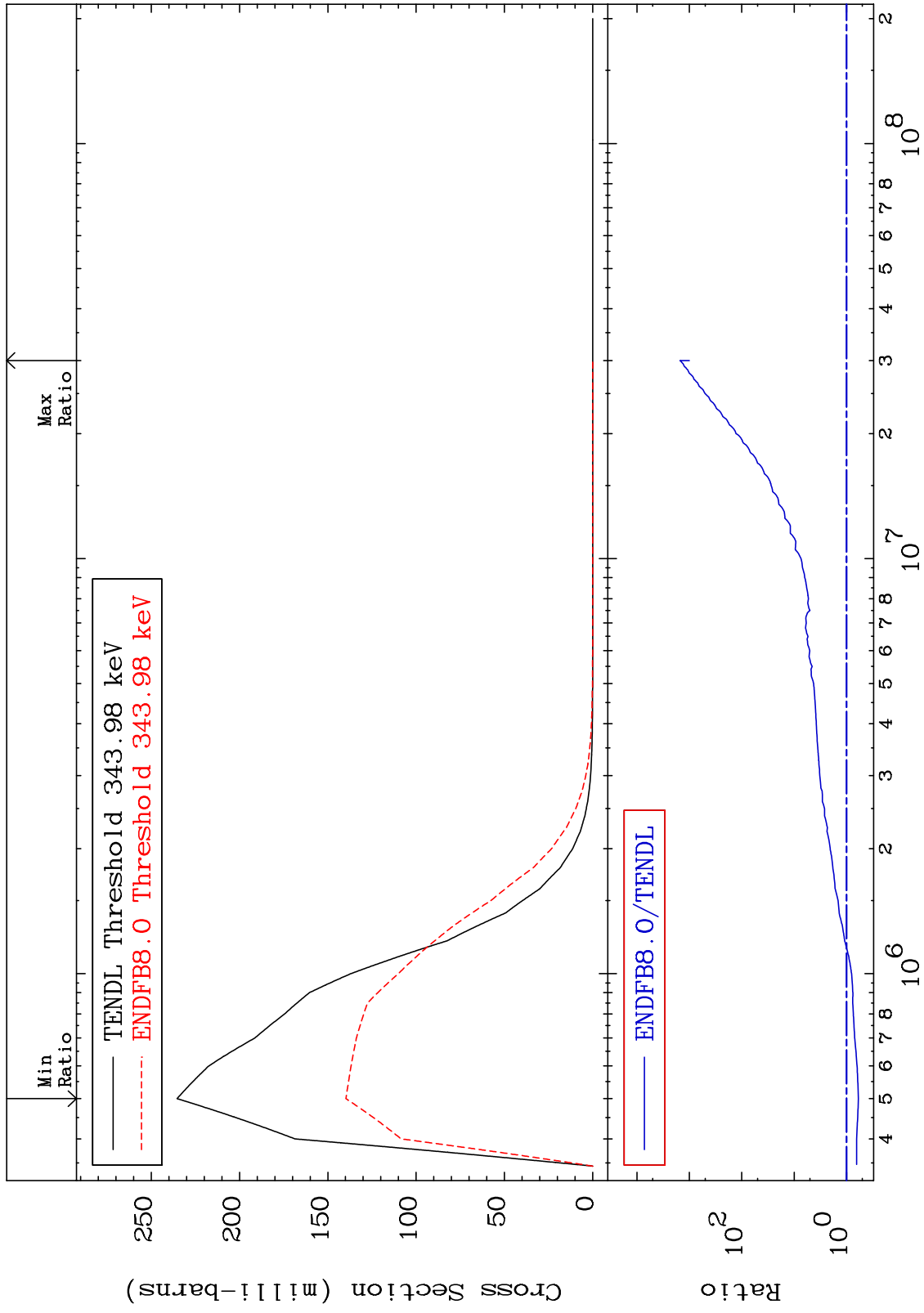
MAT 6925

MT= 55 (n,n') Level
Cross Section

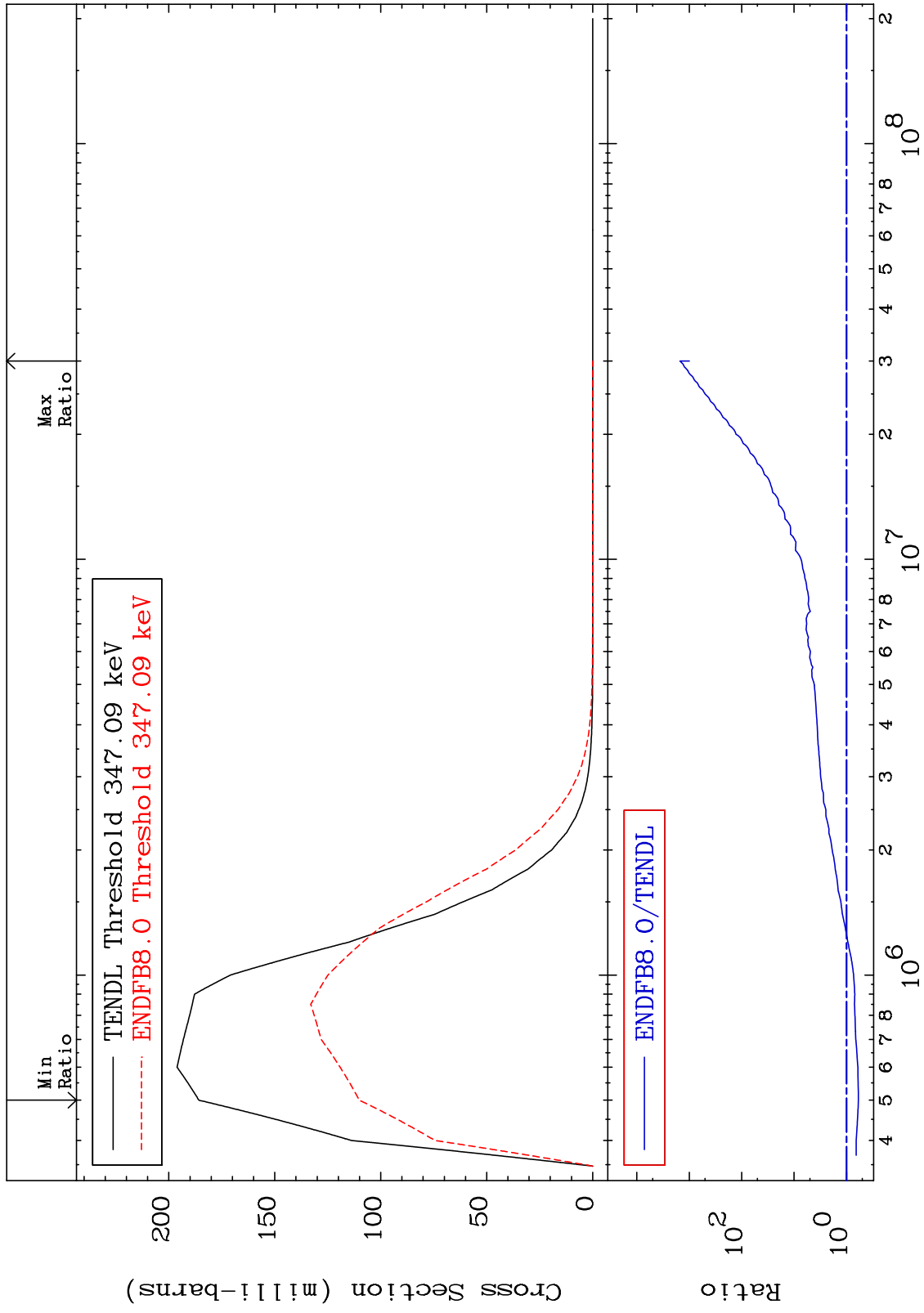
69-Tm-169
-65.35 To 9999. %



MAT 6925 MT= 56 (n,n') Level 69-Tm-169
 Cross Section -40.63 To 9999. %



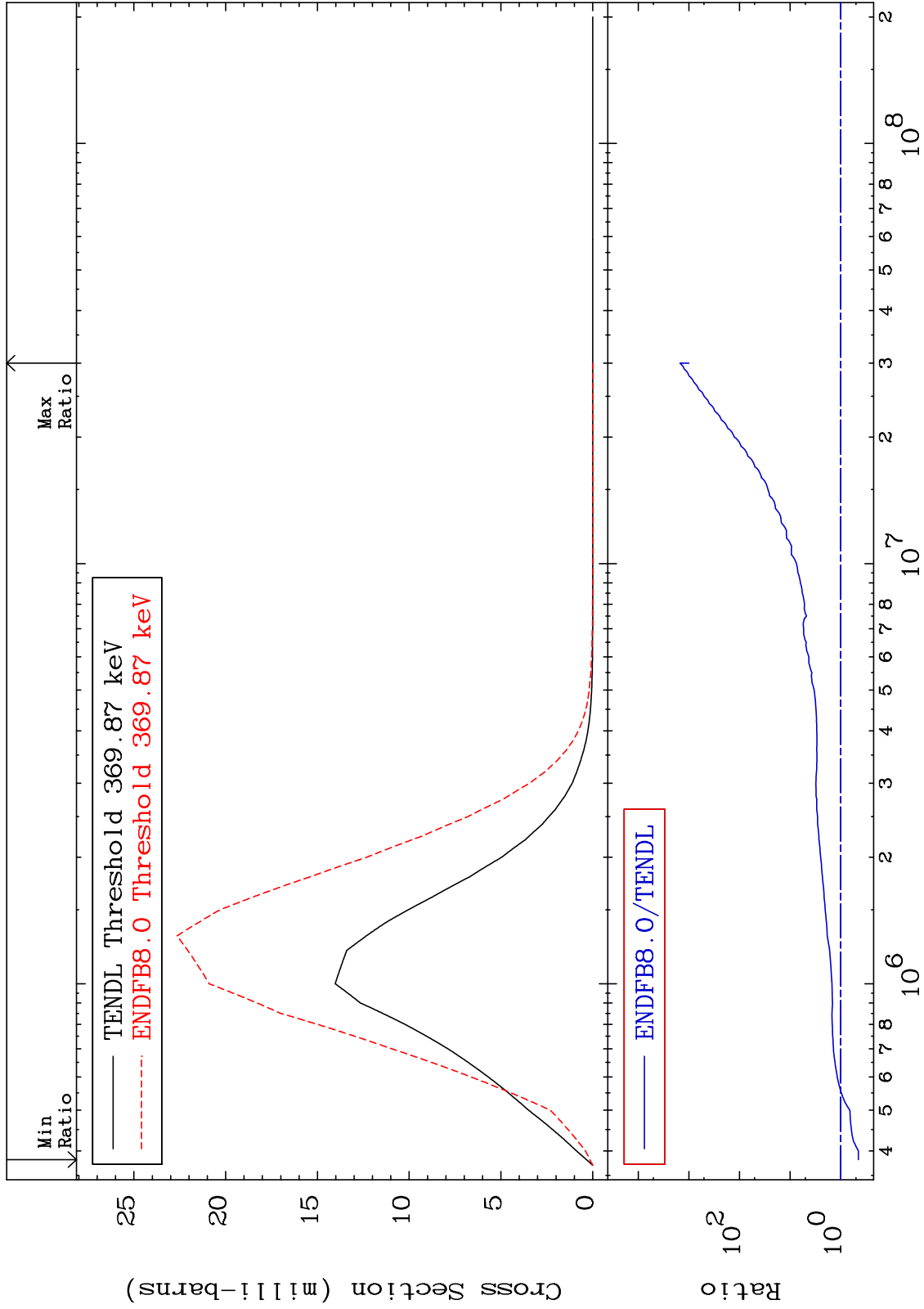
MAT 6925 MT= 57 (n,n') Level 69-Tm-169
 Cross Section -40.73 To 9999. %



MAT 6925

MT= 58 (n,n') Level
Cross Section

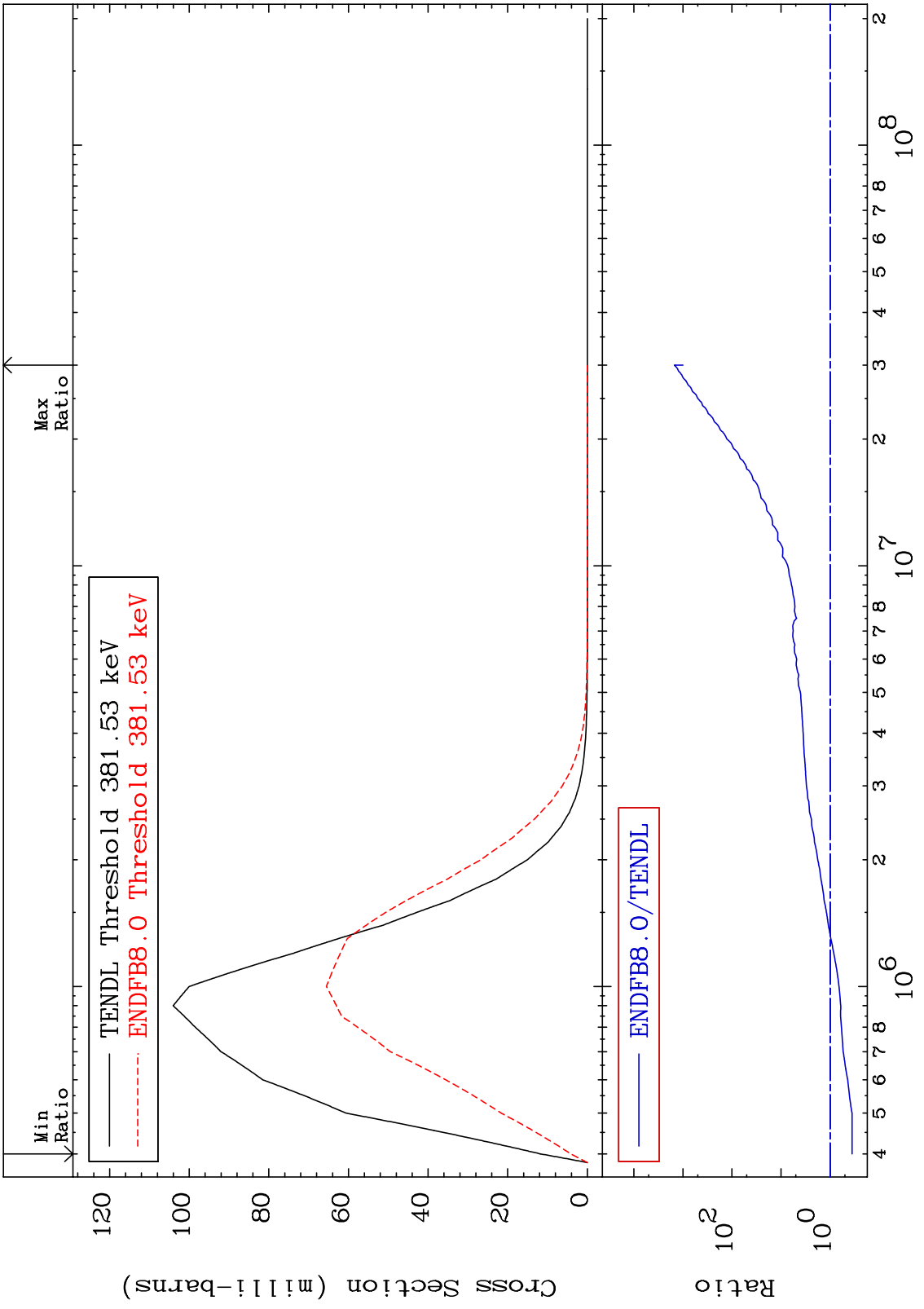
69-Tm-169
-55.46 To 9999. %



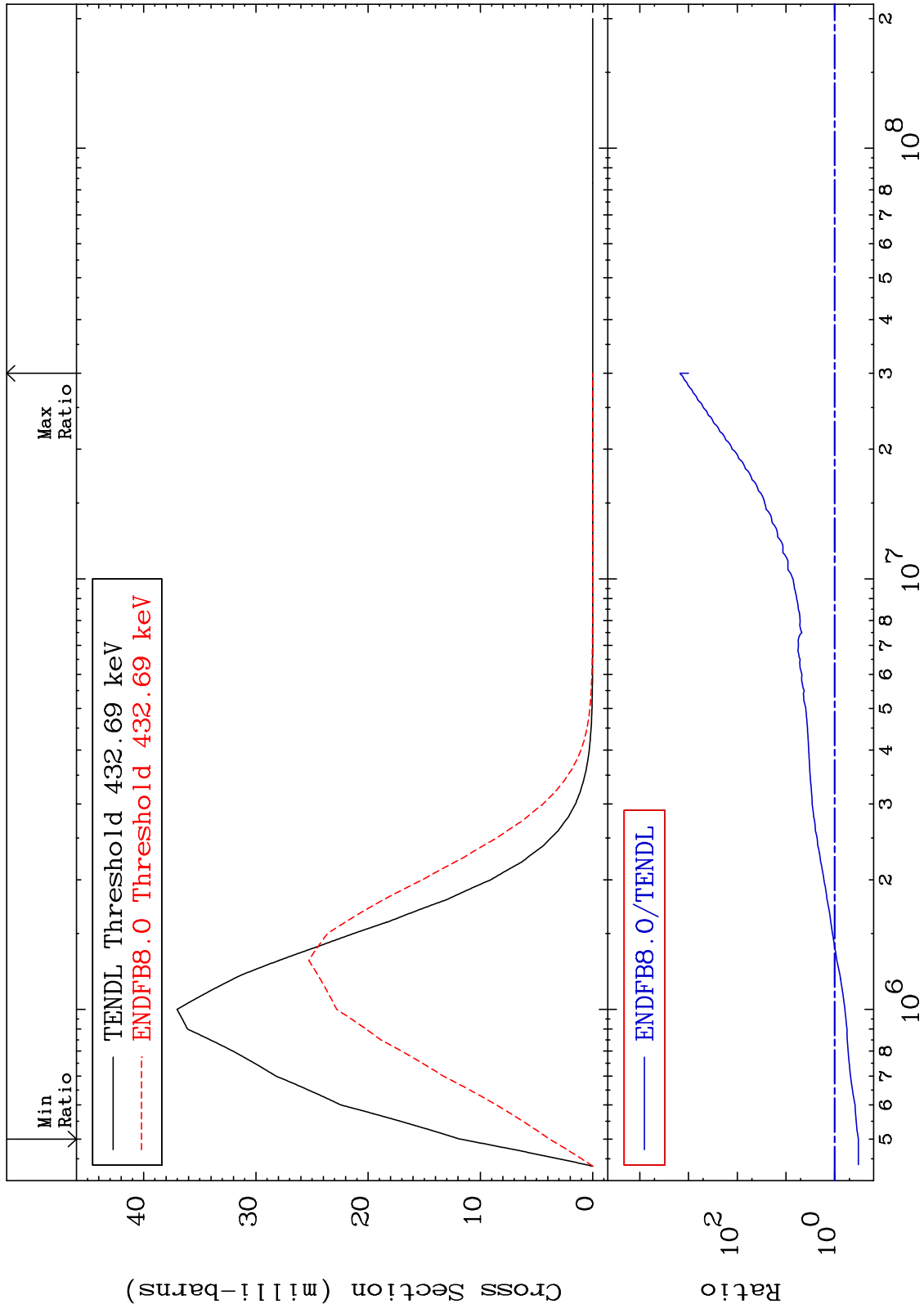
MAT 6925

MT= 59 (n,n') Level
Cross Section

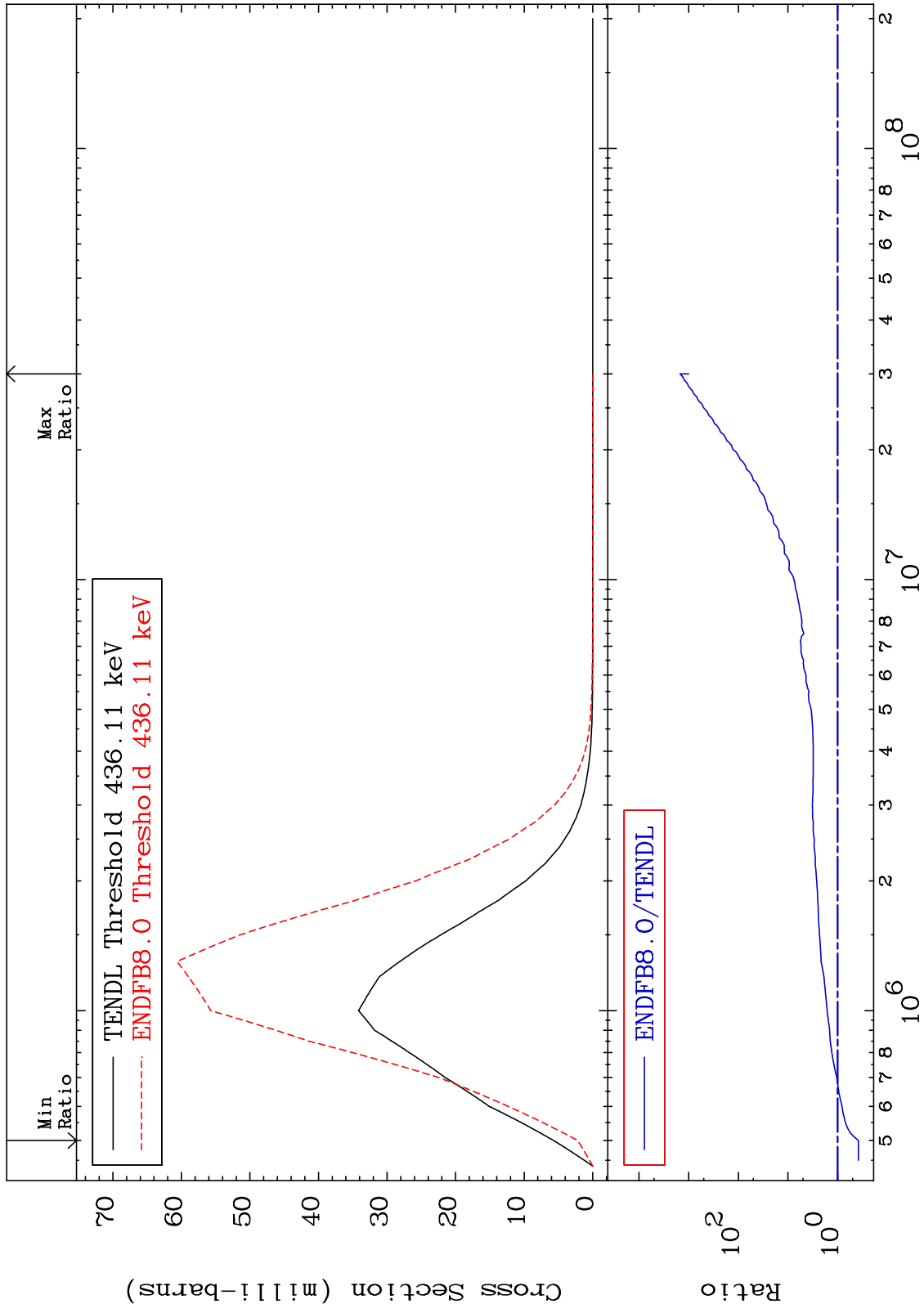
69-Tm-169
-64.54 To 9999. %



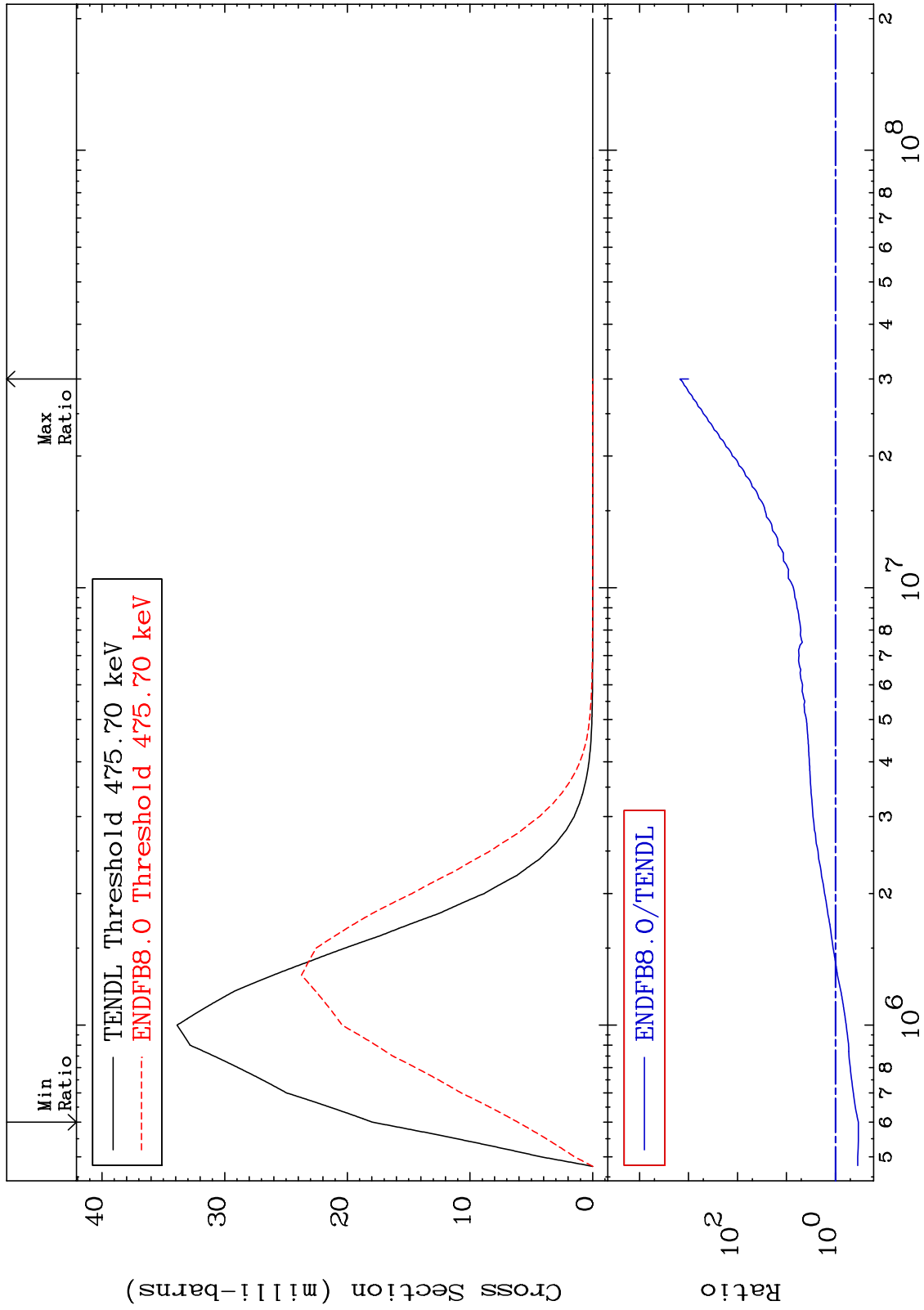
MAT 6925 MT= 60 (n,n') Level 69-Tm-169
 Cross Section -67.40 To 9999. %



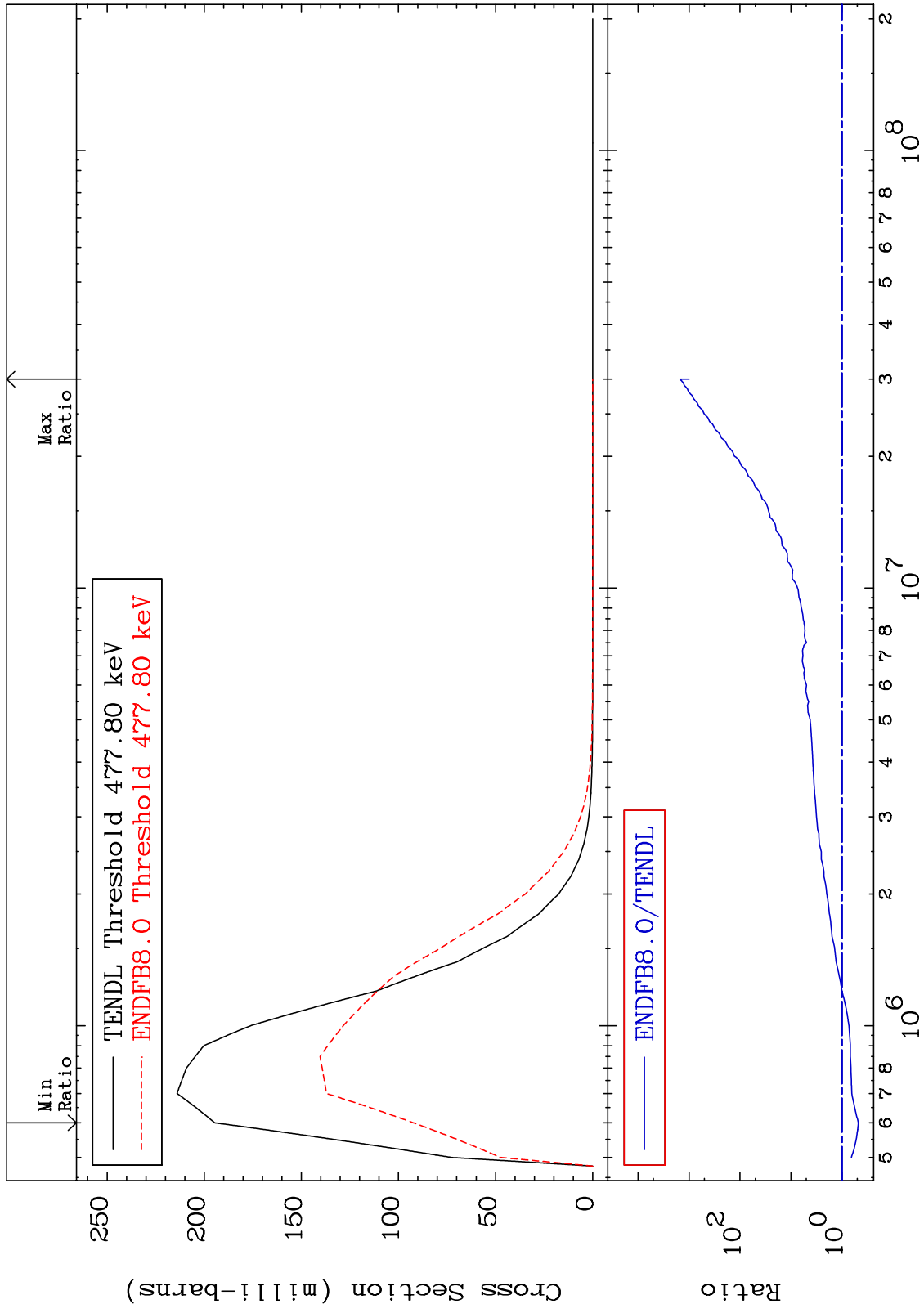
MAT 6925 MT= 61 (n,n') Level 69-Tm-169
 Cross Section -61.75 To 9999. %



MAT 6925 MT= 62 (n,n') Level Cross Section 69-Tm-169
 -66.02 To 9999. %



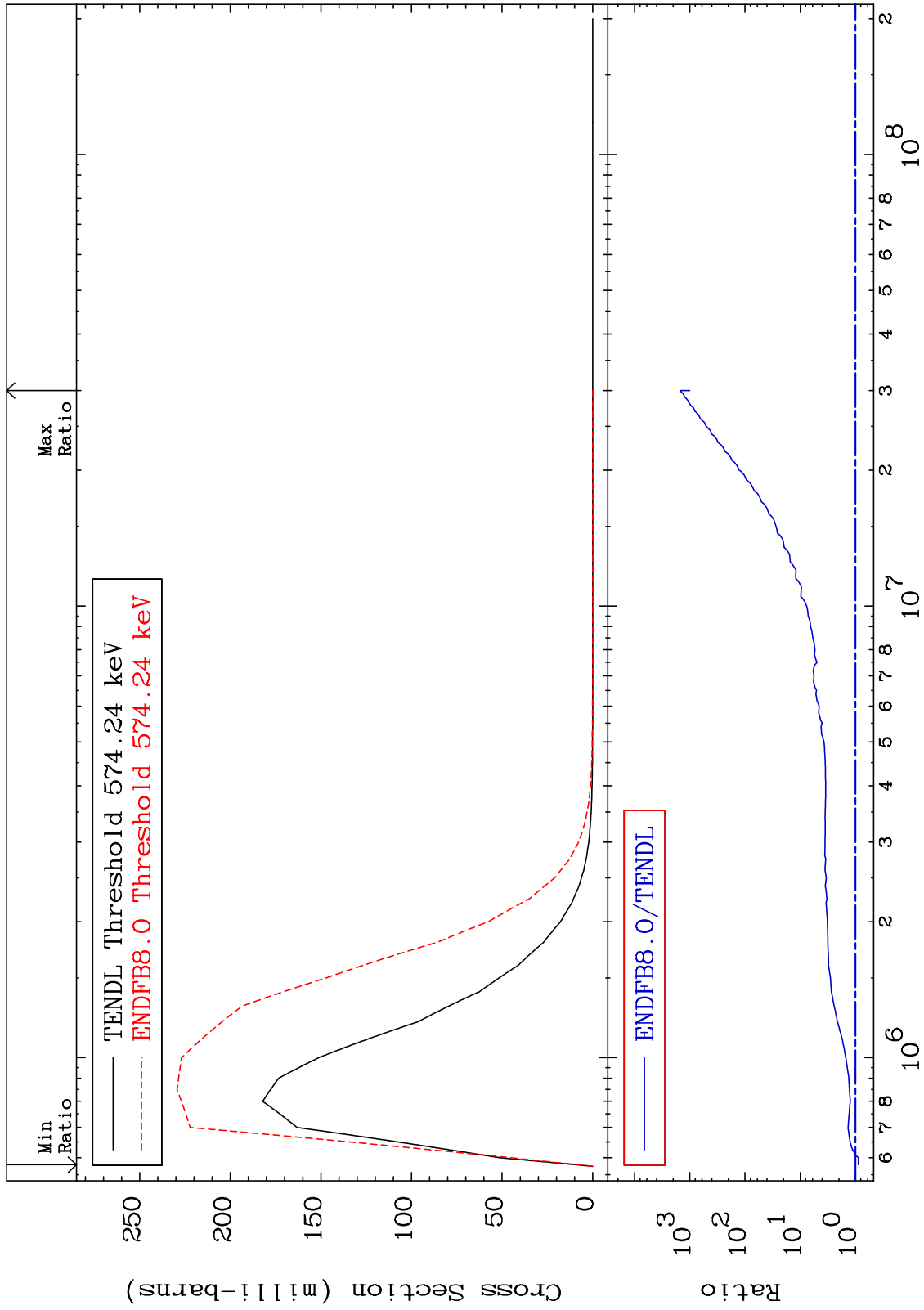
MAT 6925 MT= 63 (n,n') Level 69-Tm-169
 Cross Section -52.57 To 9999. %



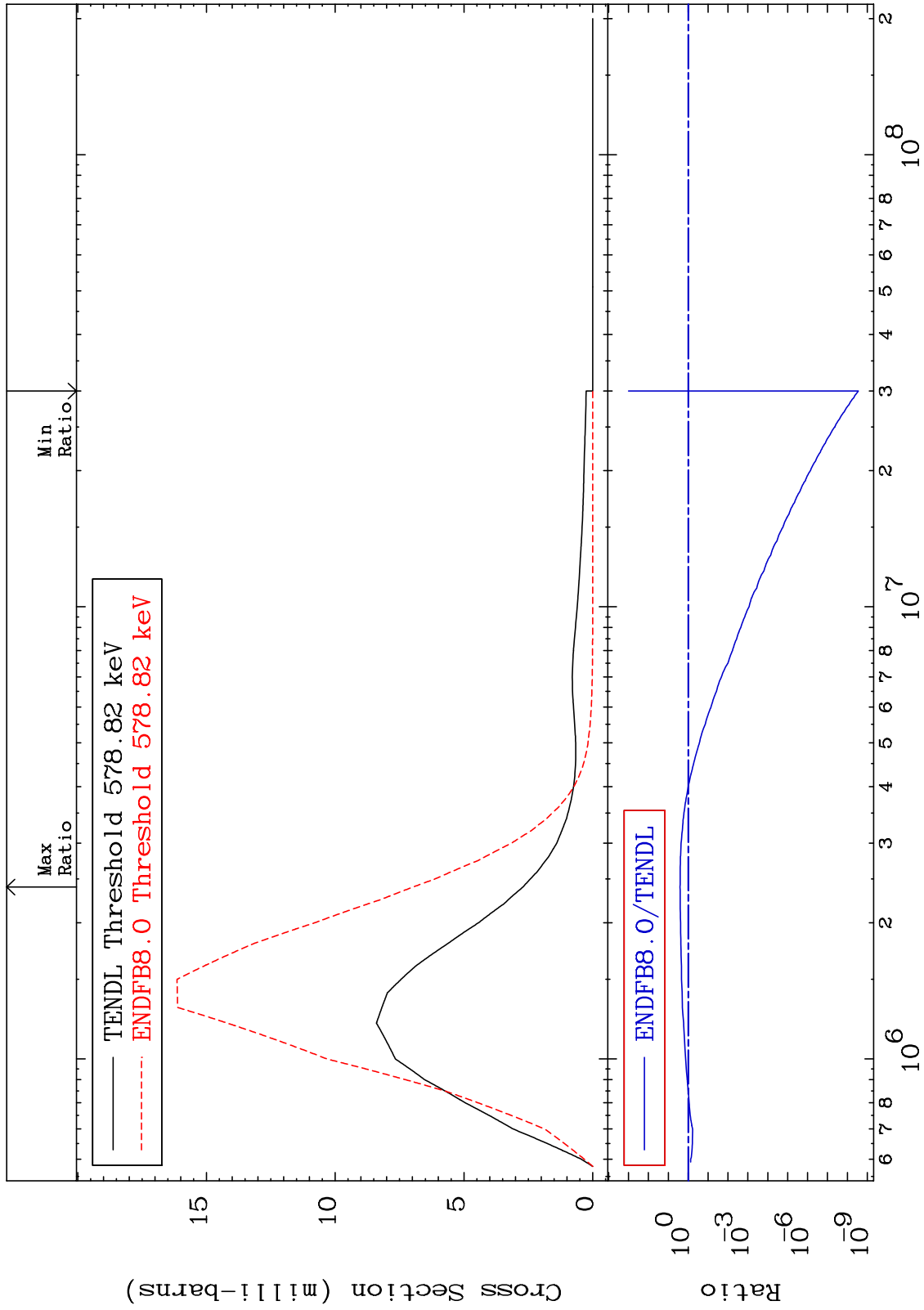
MAT 6925

MT= 64 (n,n') Level
Cross Section

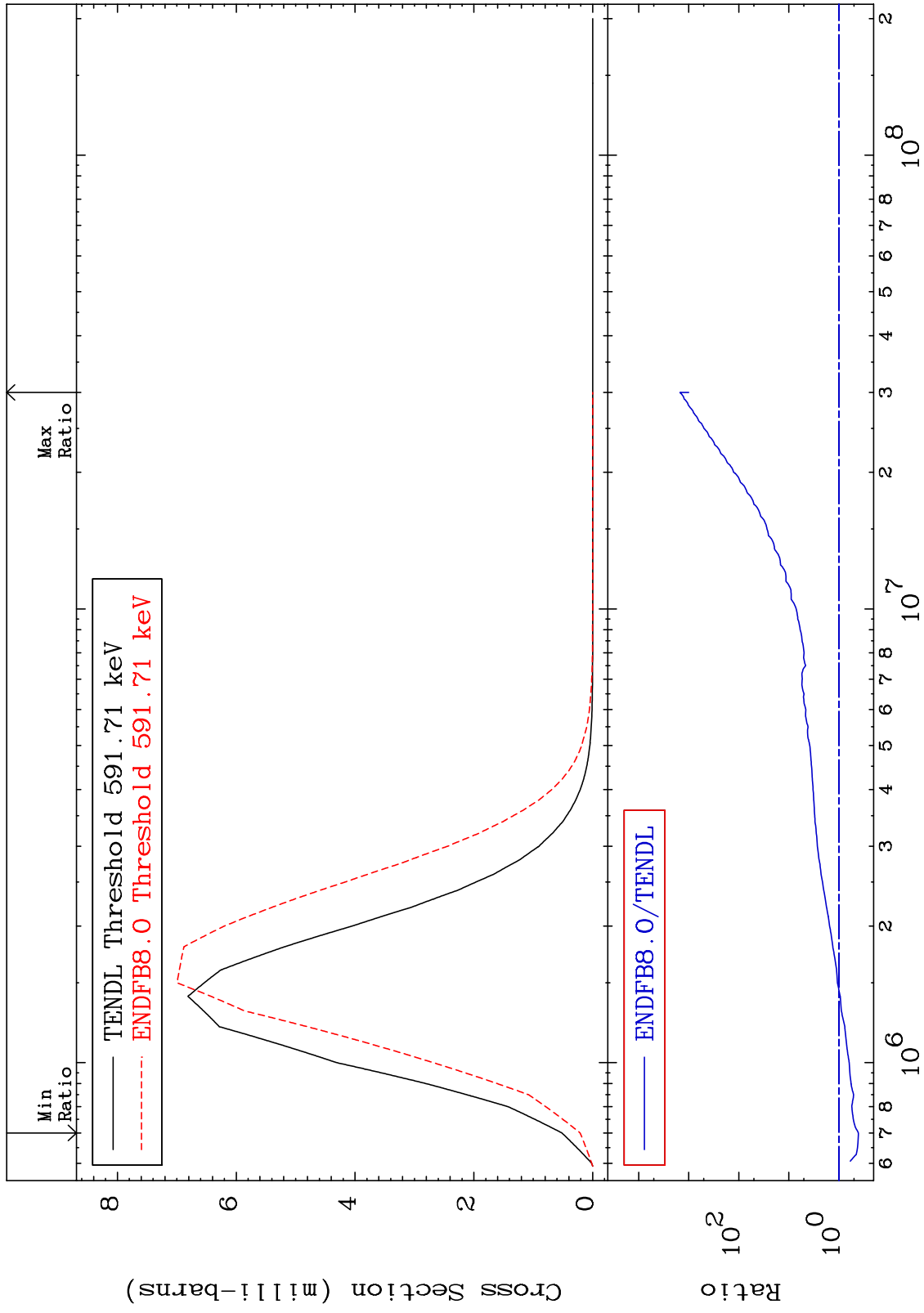
69-Tm-169
-11.51 To 9999. %



MAT 6925 MT= 65 (n,n') Level Cross Section 69-Tm-169 -100.0 To 157.4 %



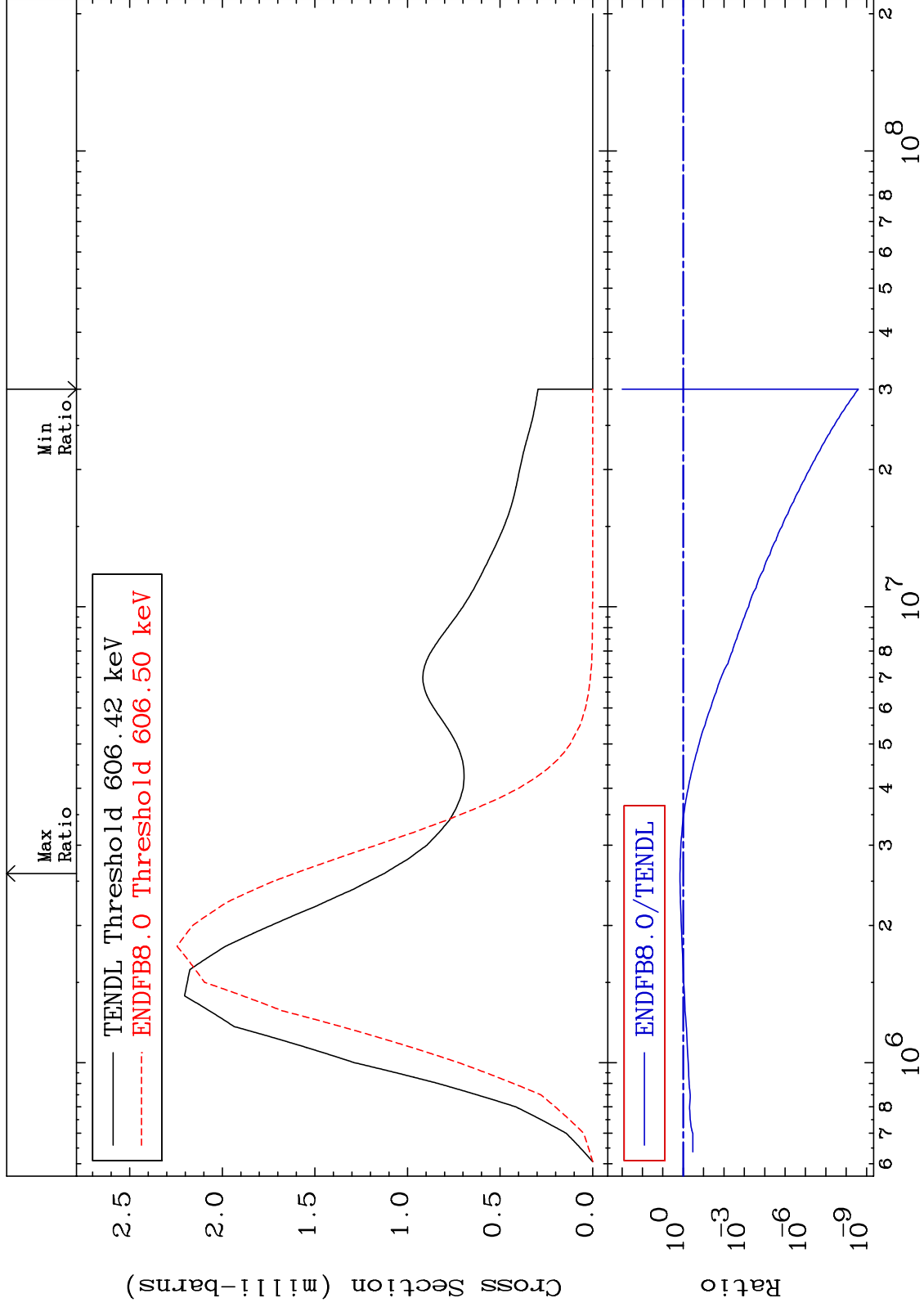
MAT 6925 MT= 66 (n,n') Level 69-Tm-169
 Cross Section -59.18 To 9999. %



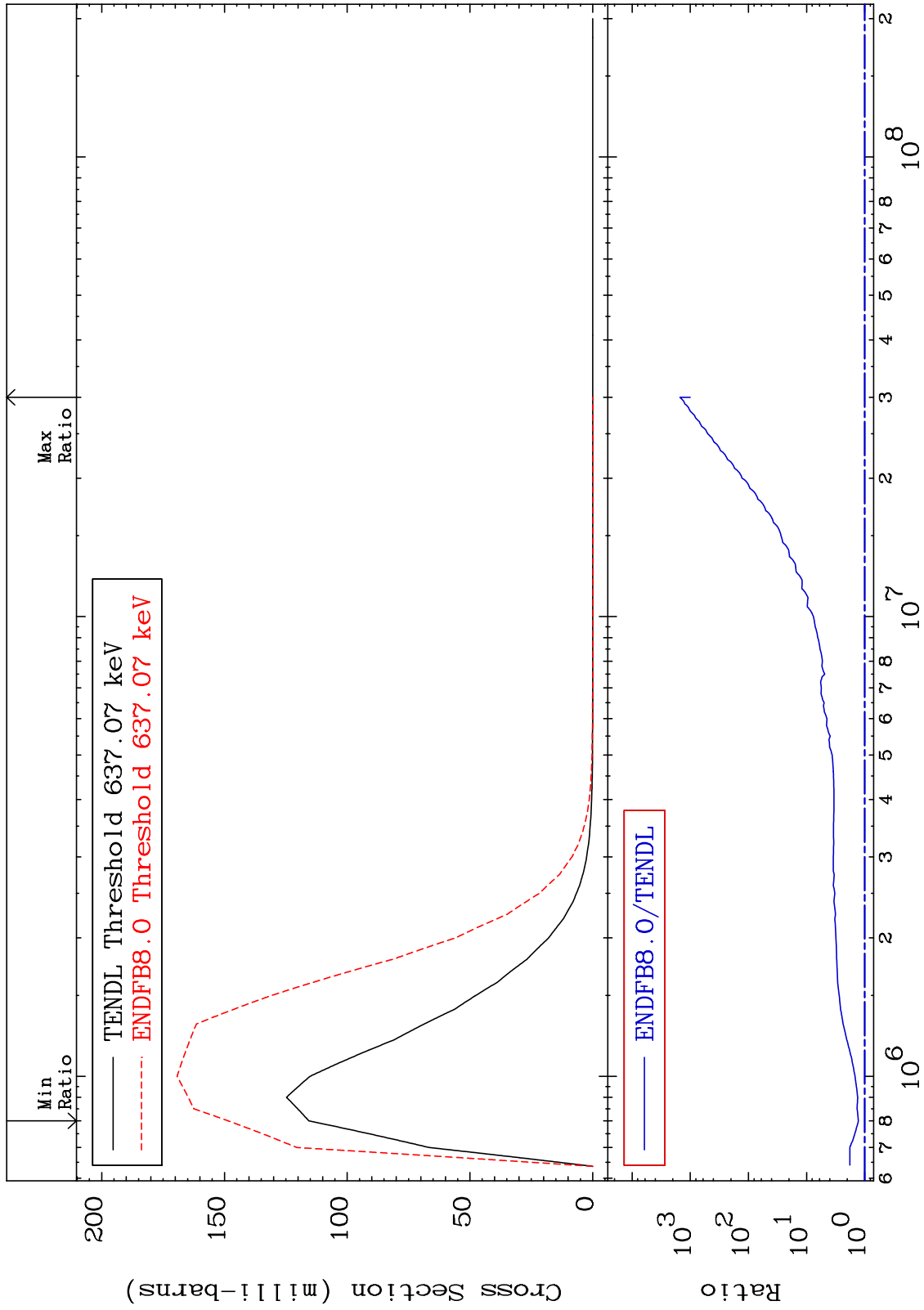
MAT 6925

MT= 67 (n,n') Level
Cross Section

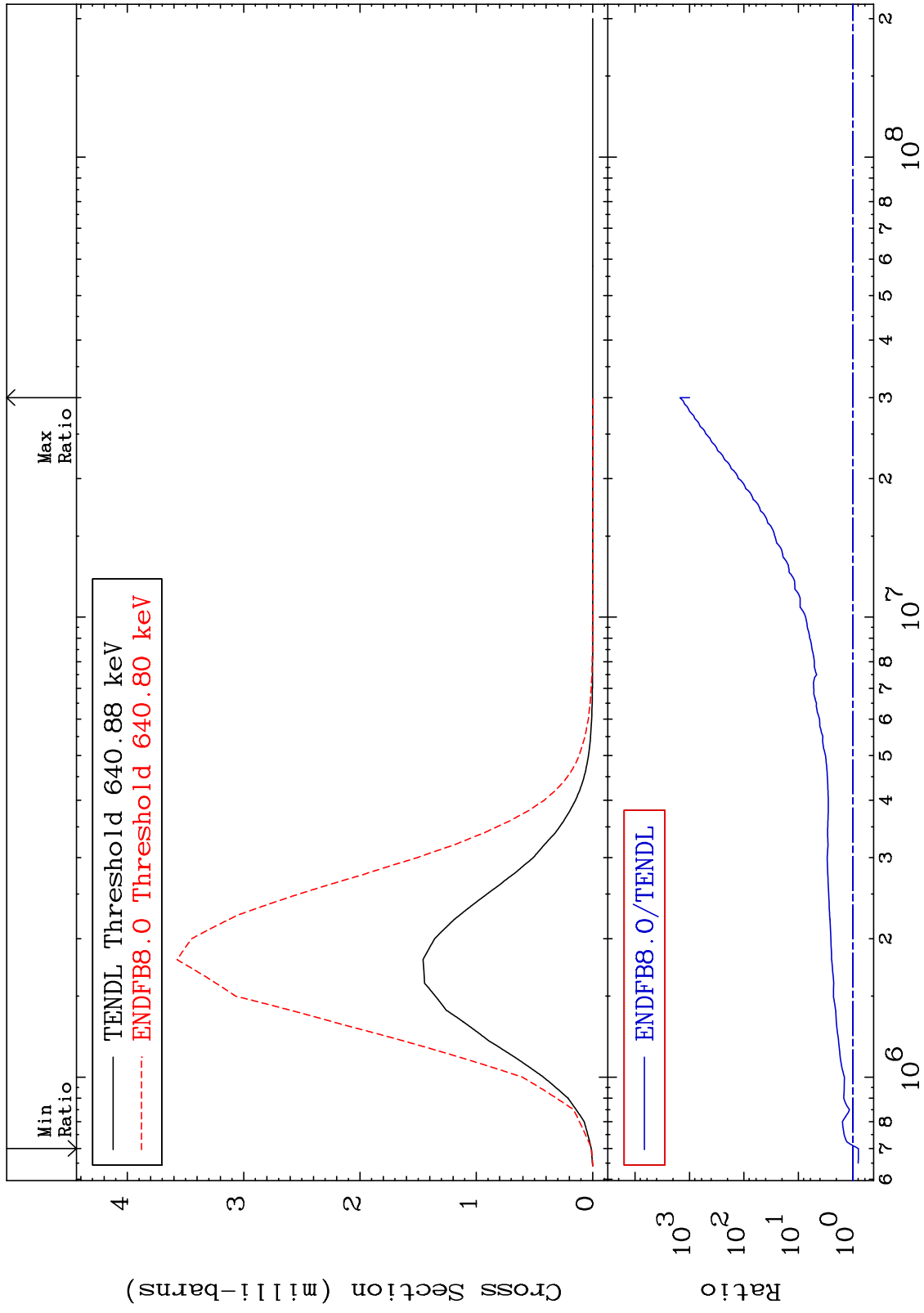
69-Tm-169
-100.0 To 43.08 %



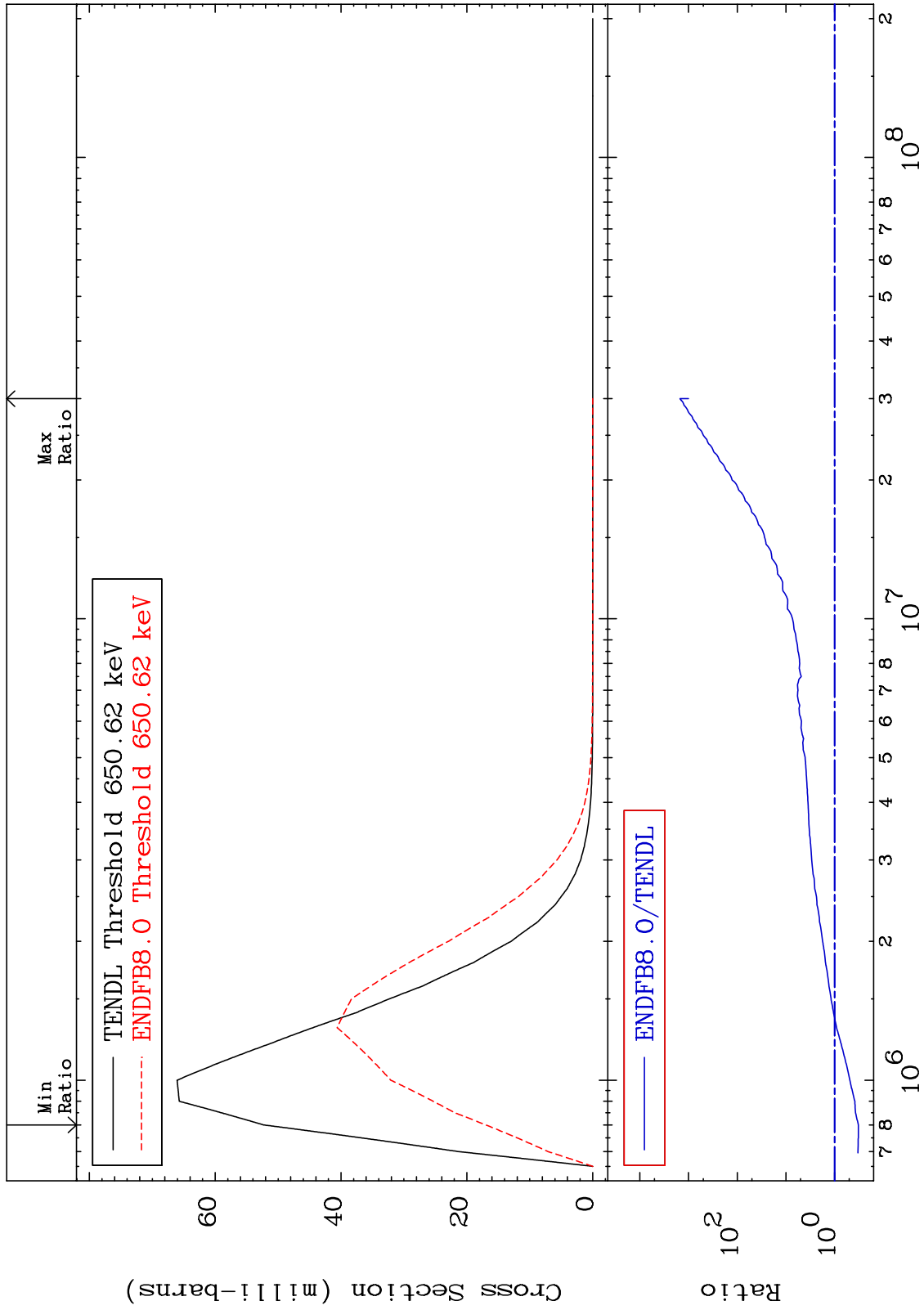
MAT 6925 MT= 68 (n,n') Level Cross Section 69-Tm-169
 28.42 To 9999. %



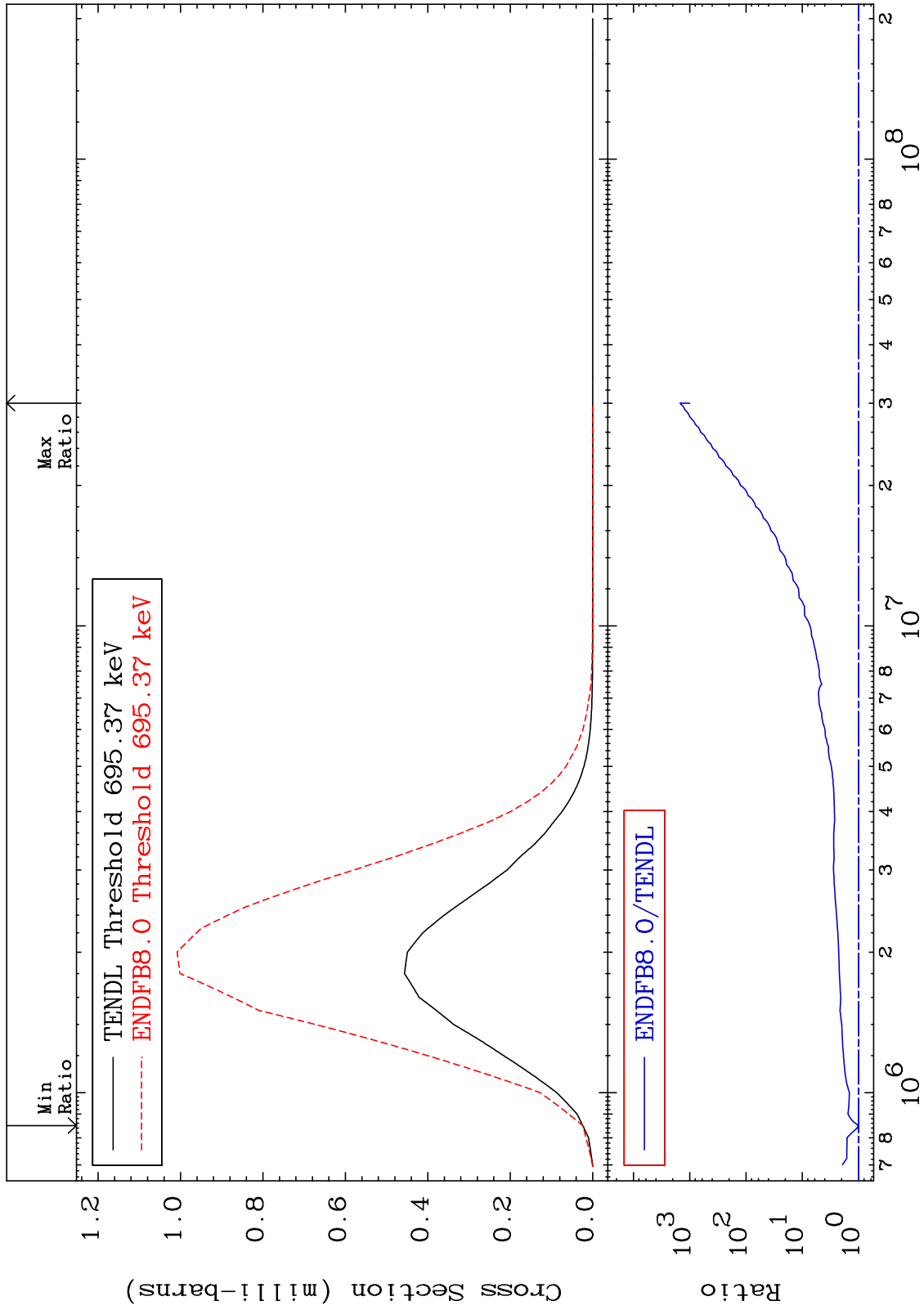
MAT 6925 MT= 69 (n,n') Level 69-Tm-169
 Cross Section -21.08 To 9999. %



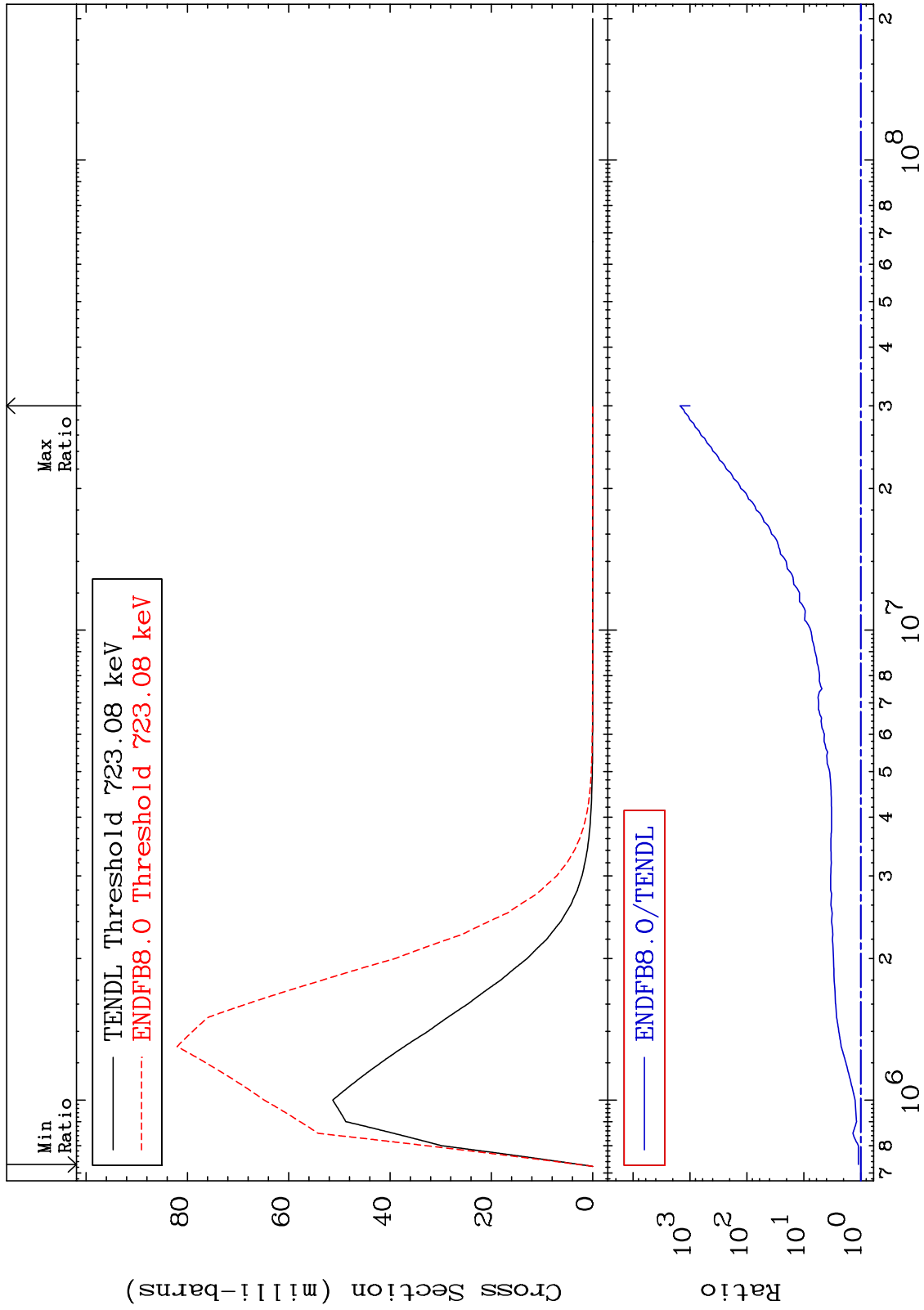
MAT 6925 MT= 70 (n,n') Level Cross Section 69-Tm-169
 -67.54 To 9999. %



MAT 6925 MT= 71 (n,n') Level Cross Section 69-Tm-169 To 9999. %
0.587



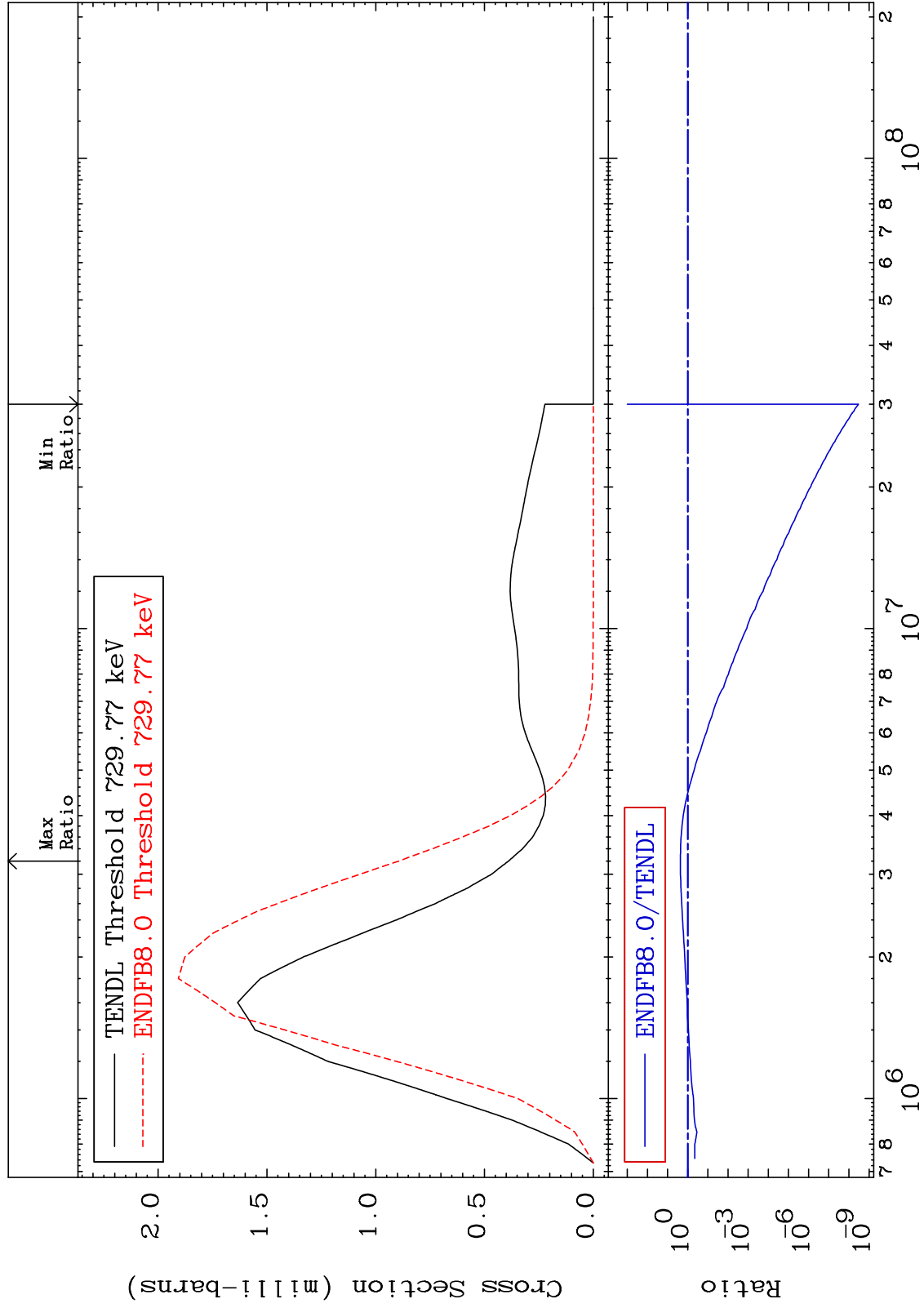
MAT 6925 MT= 72 (n,n') Level Cross Section 69-Tm-169 10.04 To 9999. %



MAT 6925

MT= 73 (n,n') Level
Cross Section

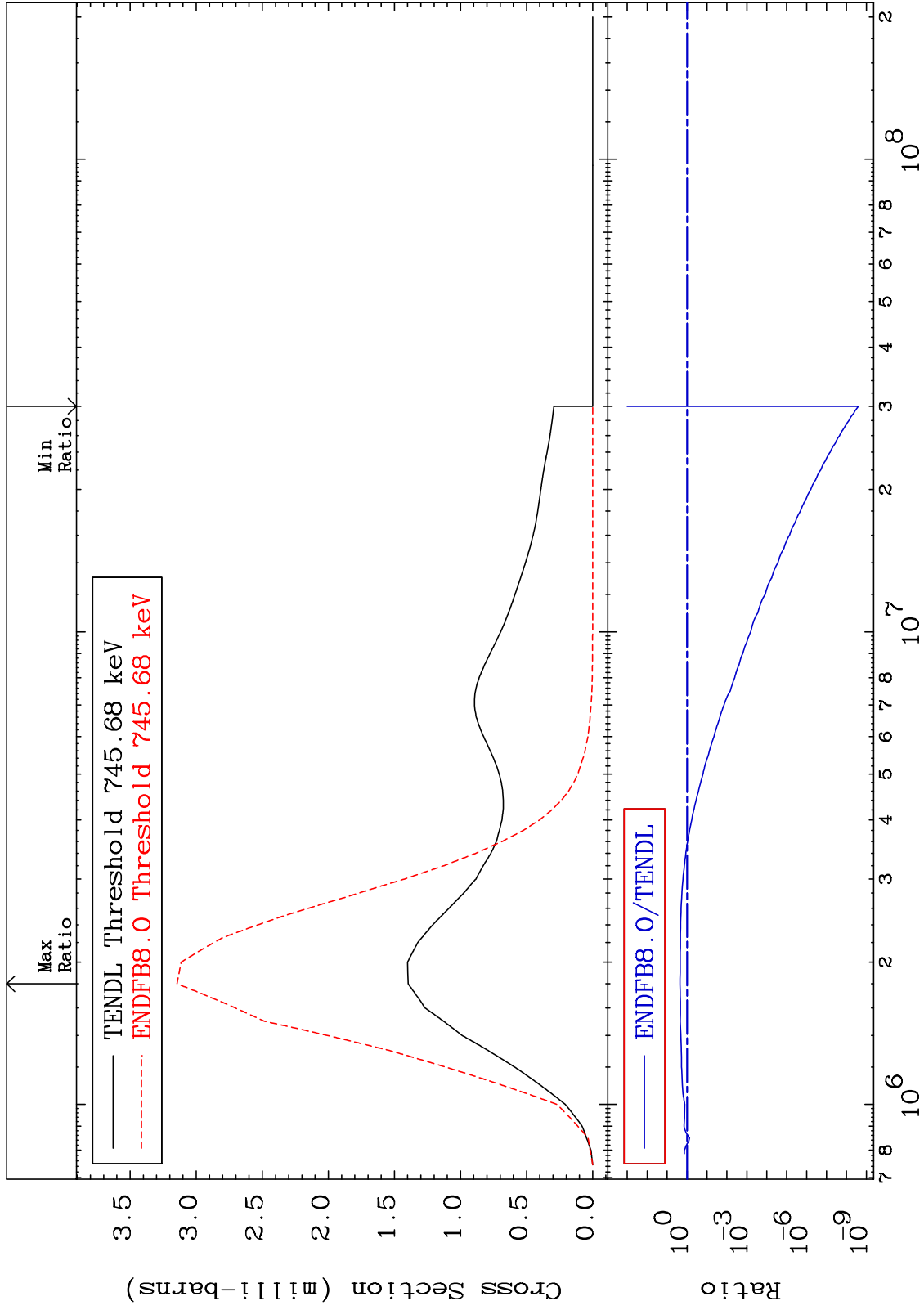
69-Tm-169
-100.0 To 129.5 %



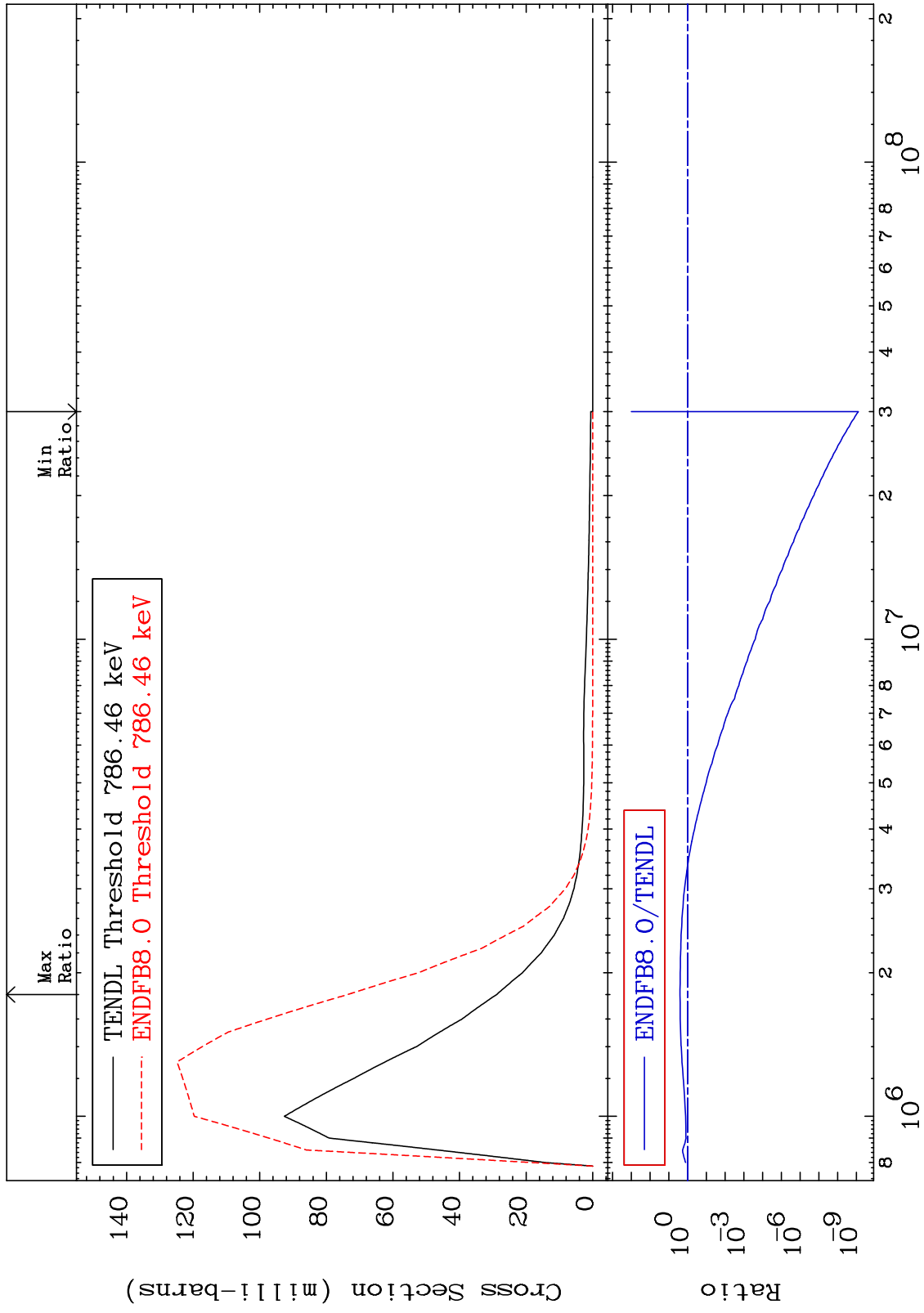
MAT 6925

MT= 74 (n,n') Level
Cross Section

69-Tm-169
-100.0 To 125.2 %



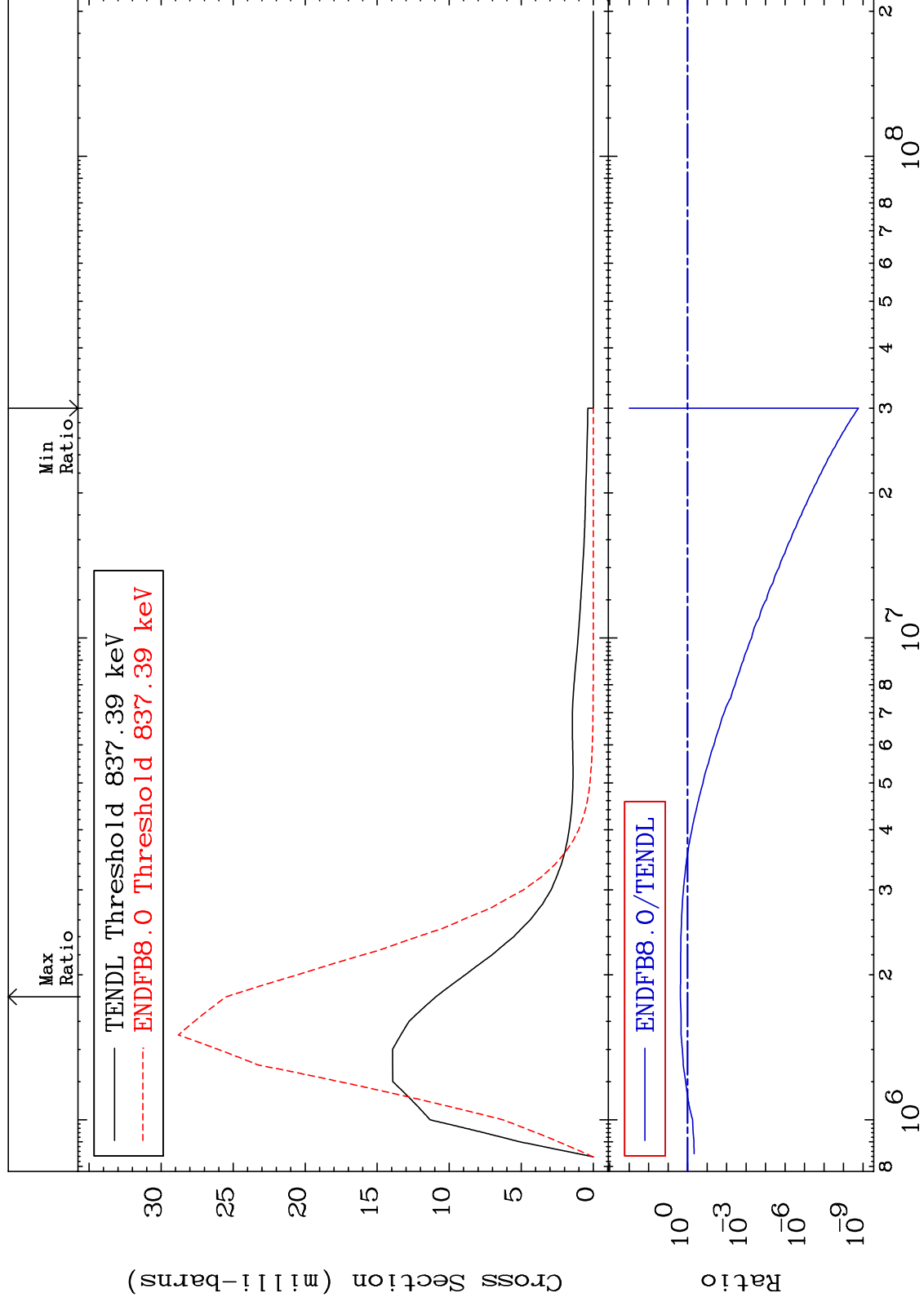
MAT 6925 MT= 75 (n,n') Level Cross Section 69-Tm-169 -100.0 To 155.2 %



MAT 6925

MT= 76 (n,n') Level
Cross Section

69-Tm-169
-100.0 To 133.3 %

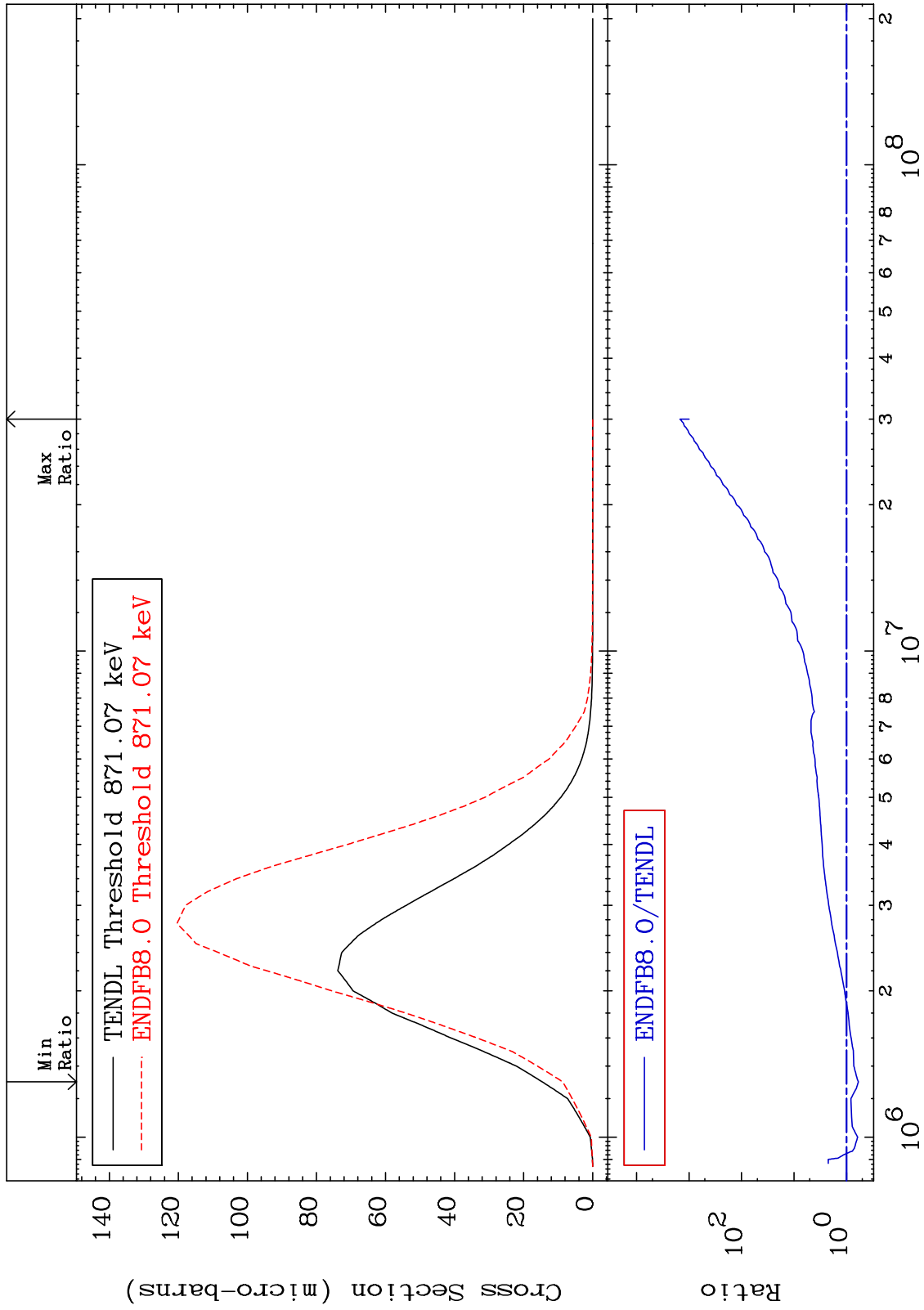


35

Incident Energy (eV)

69-Tm-169

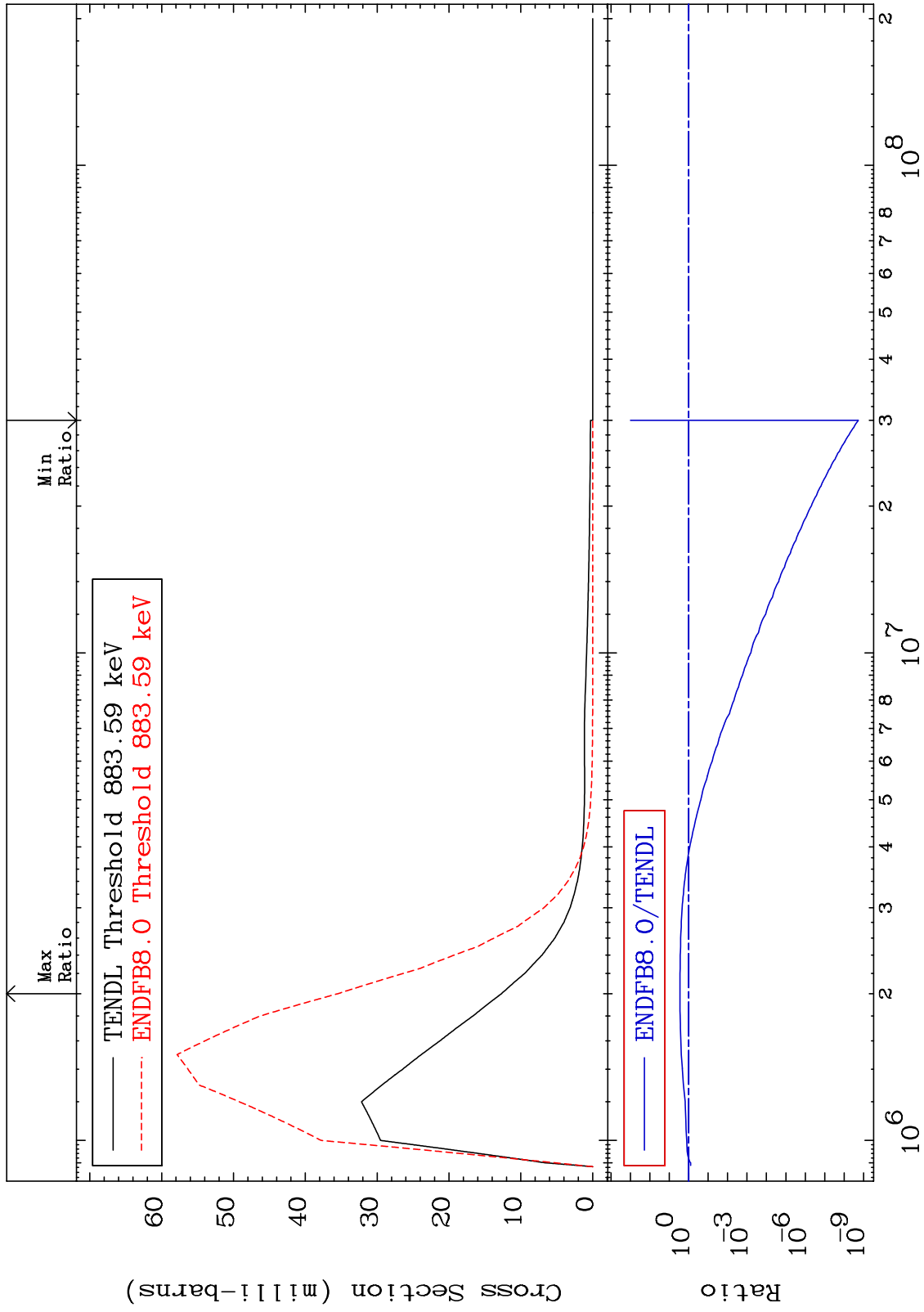
MAT 6925 MT= 77 (n,n') Level 69-Tm-169
 Cross Section -40.72 To 9999. %



MAT 6925

MT= 78 (n,n') Level
Cross Section

69-Tm-169
-100.0 To 179.3 %



37

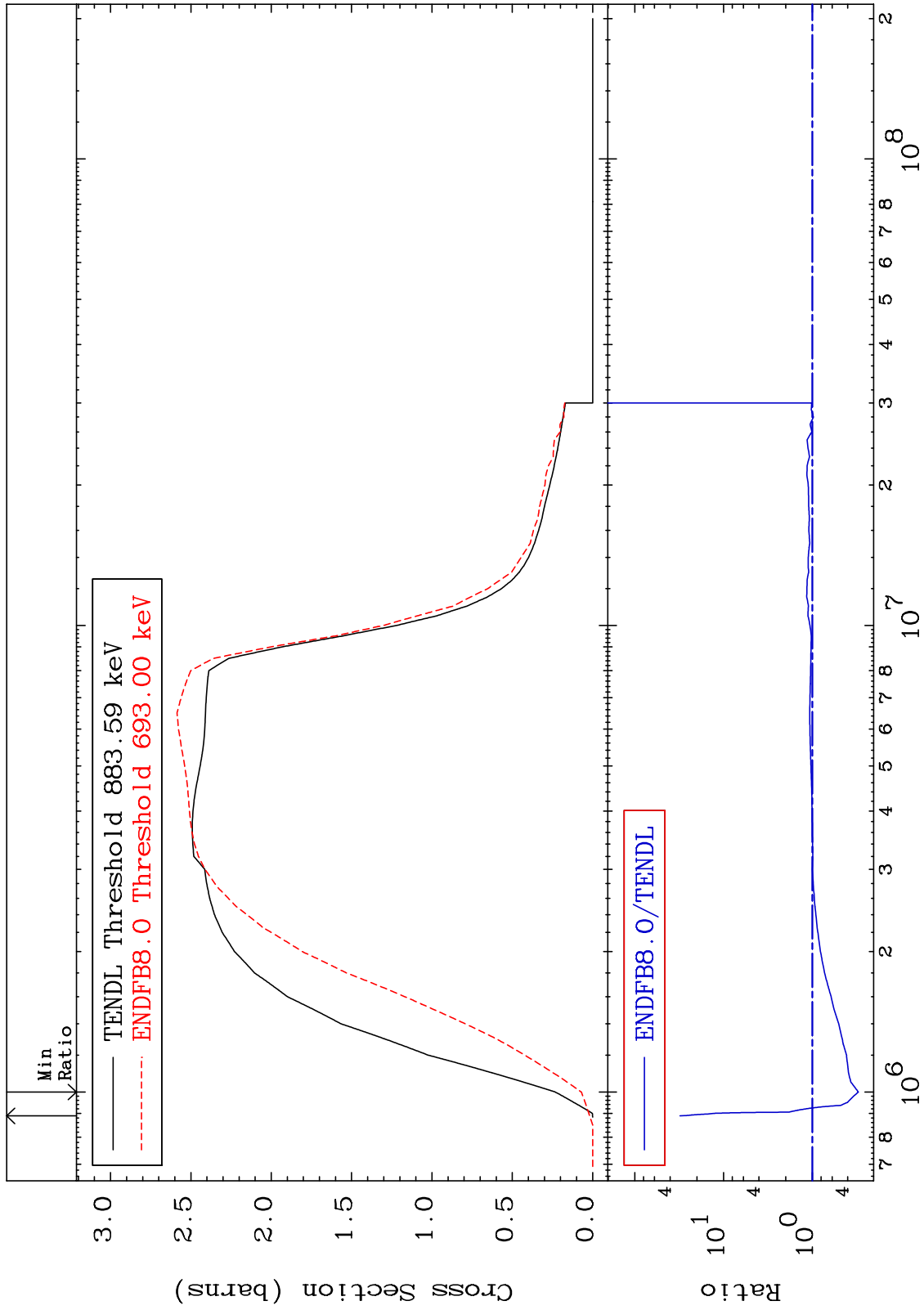
Incident Energy (eV)

69-Tm-169

MAT 6925

(n, n') Continuum
Cross Section

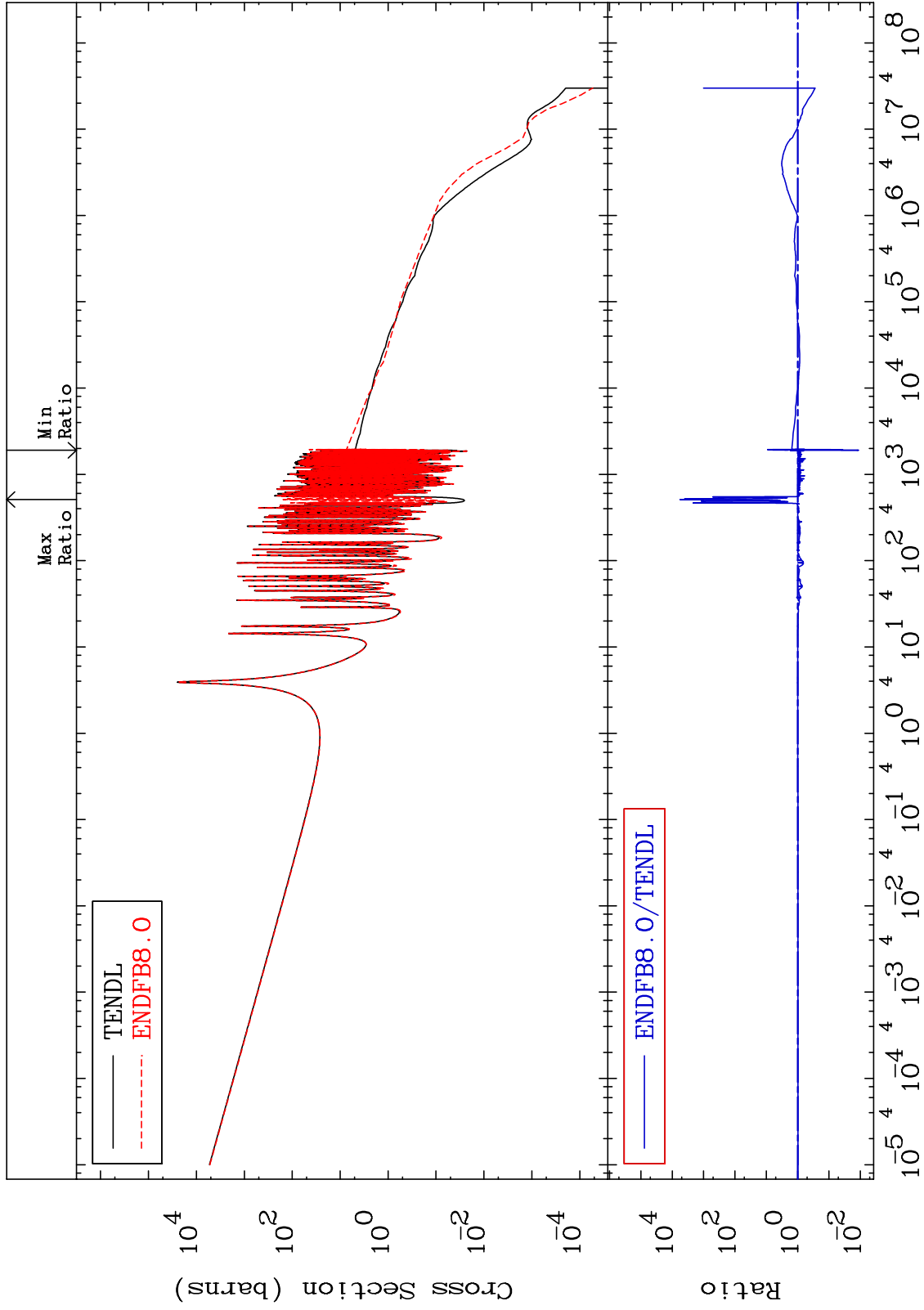
69-Tm-169
-69.66 To 2998. %



MAT 6925

(n, γ)
Cross Section

69-Tm-169
-98.85 To 9999. %



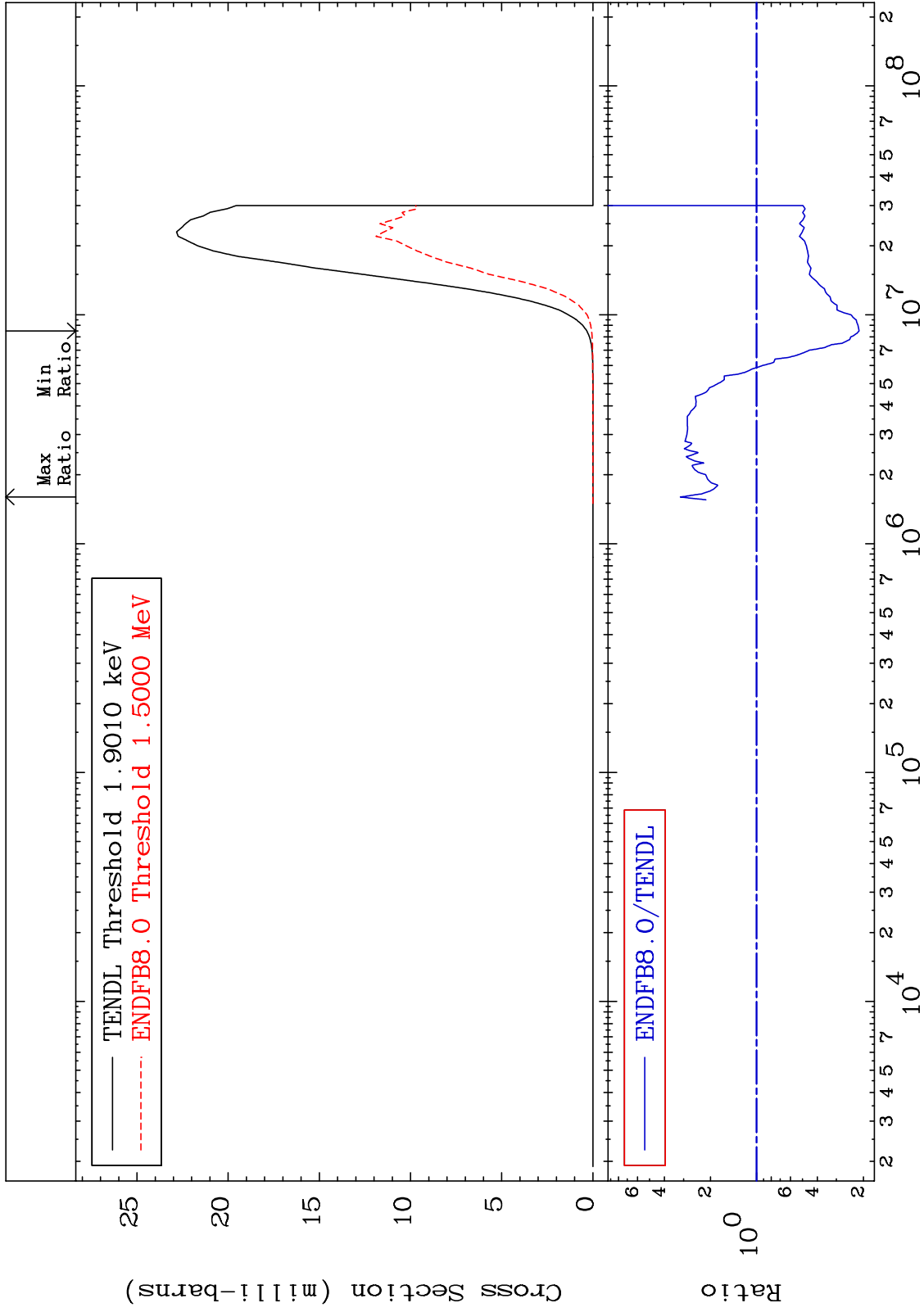
MAT 6925

(n, p)

69-Tm-169

Cross Section

-78.69 To 214.6 %



40

Incident Energy (eV)

69-Tm-169

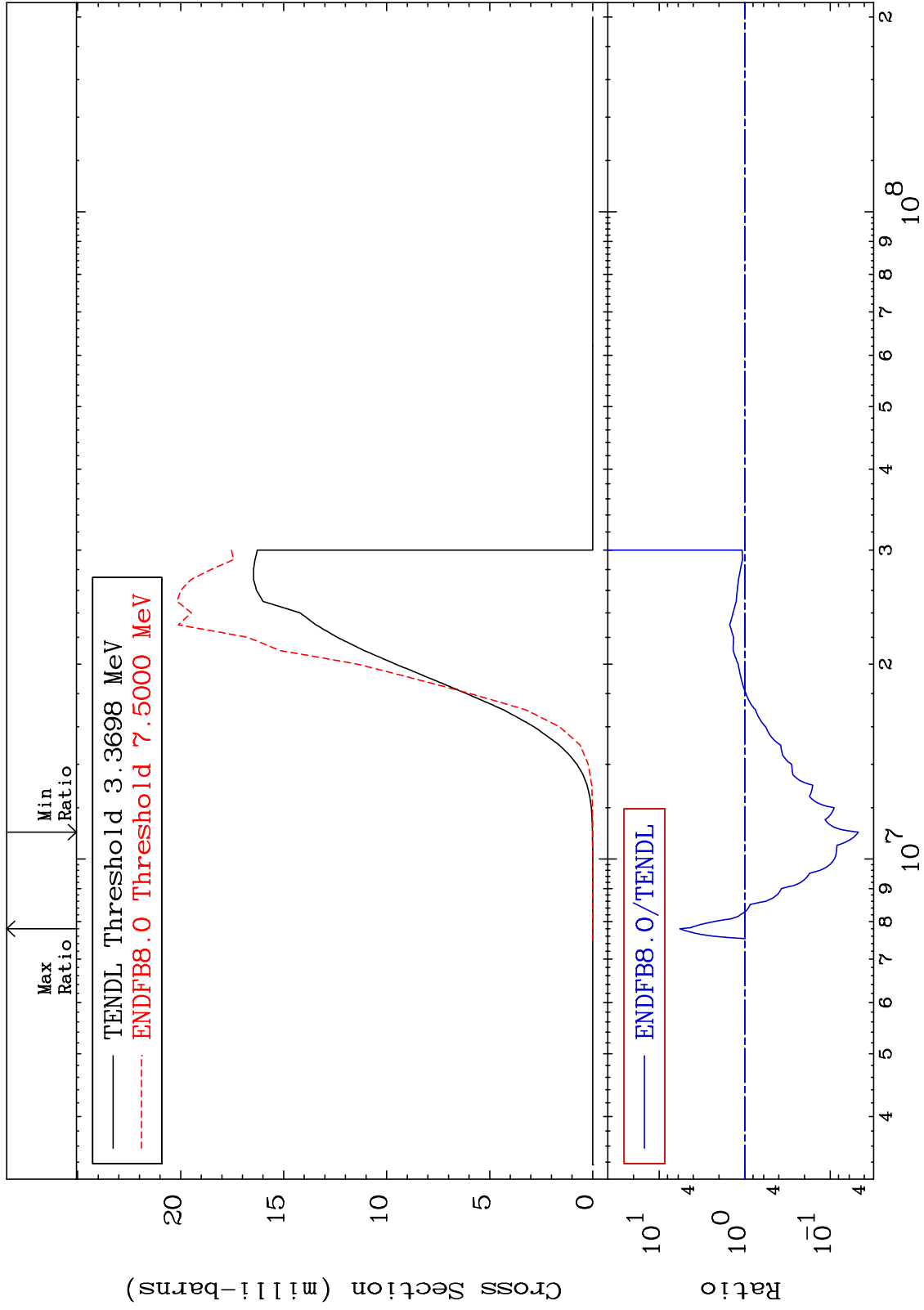
MAT 6925

(n, d)

69-Tm-169

Cross Section

-95.31 To 471.4 %



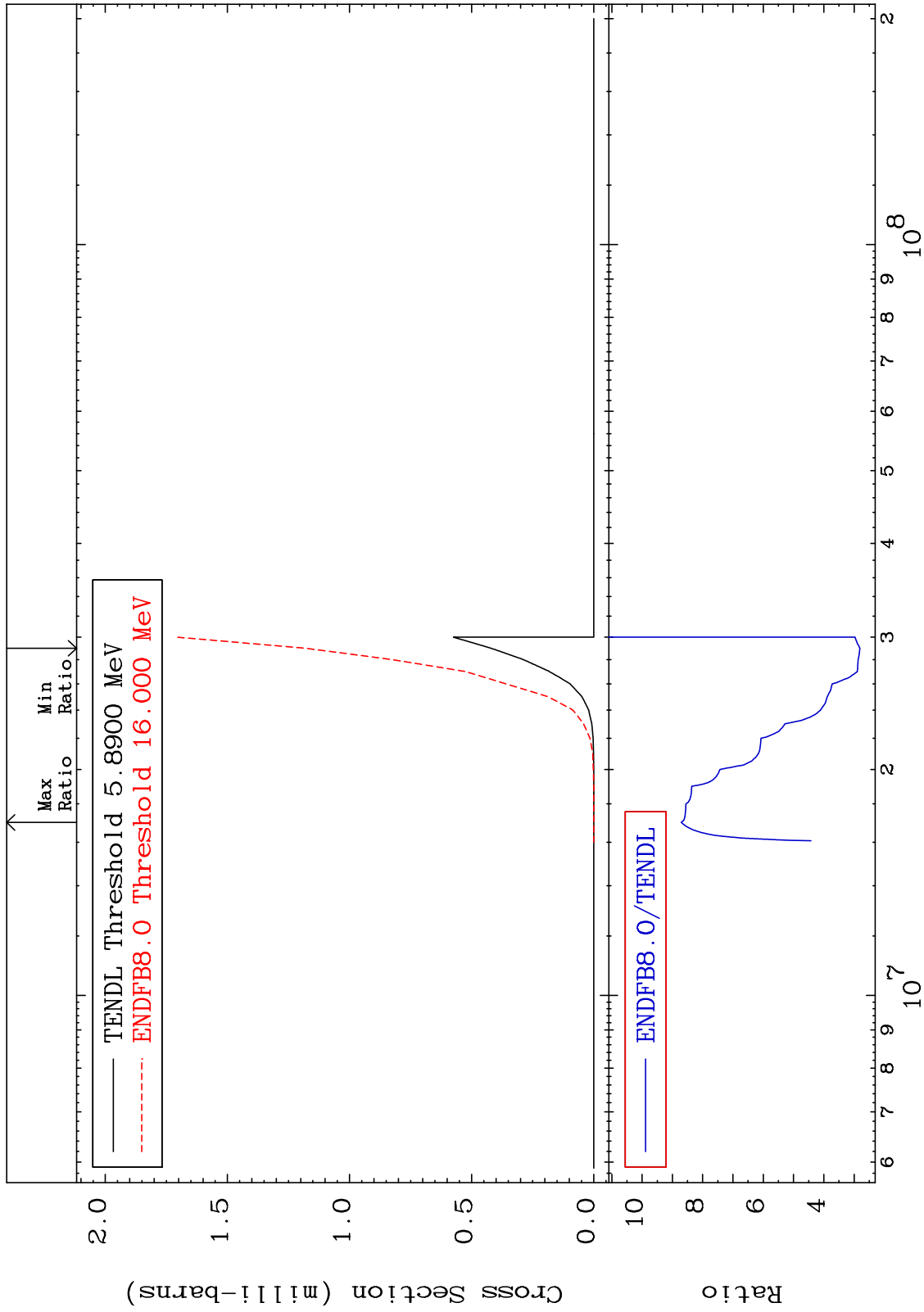
MAT 6925

(n, He-3)

69-Tm-169

180.8 To 770.8 %

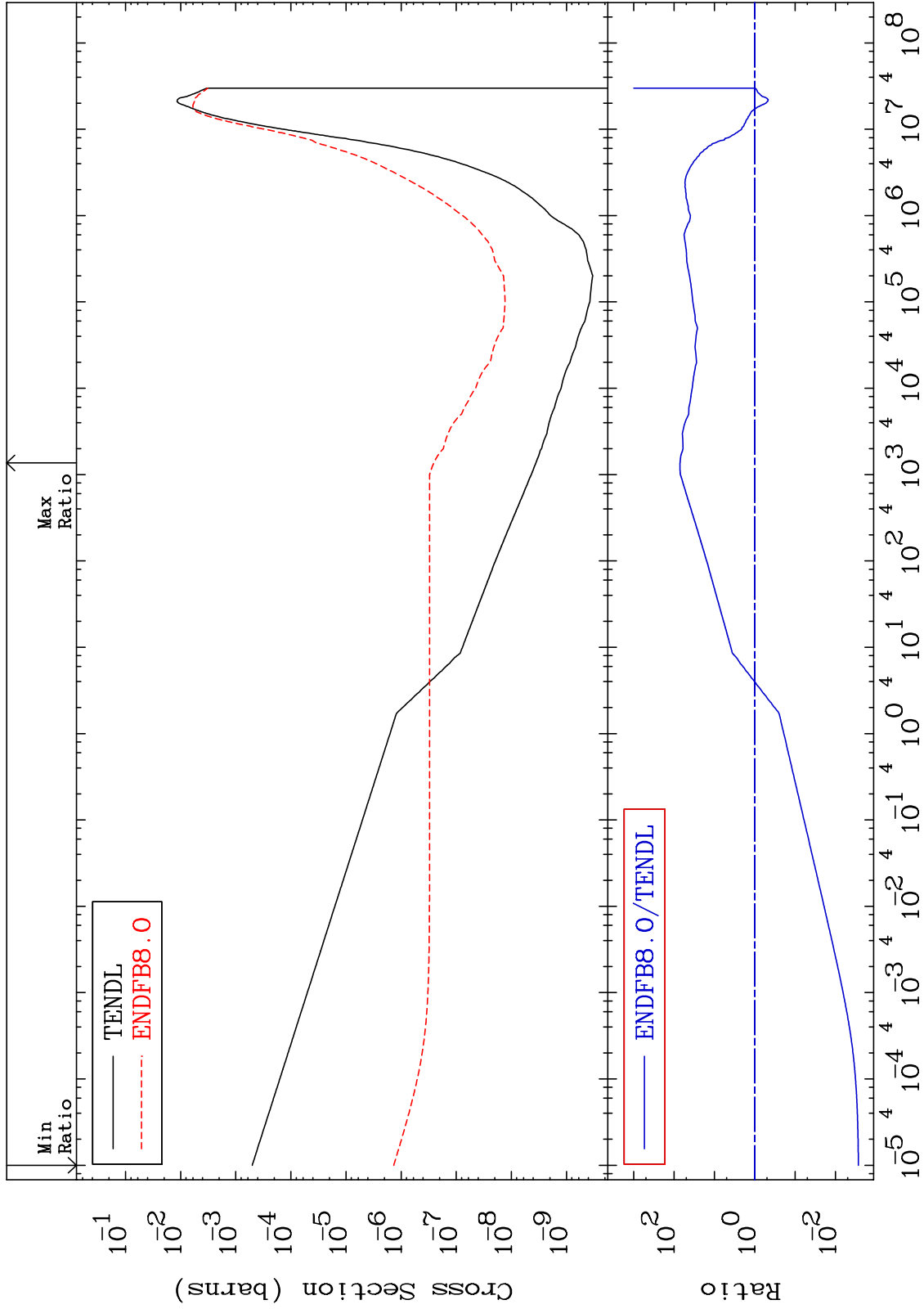
Cross Section



MAT 6925

(n, α)
Cross Section

69-Tm-169
-99.73 To 7028. %



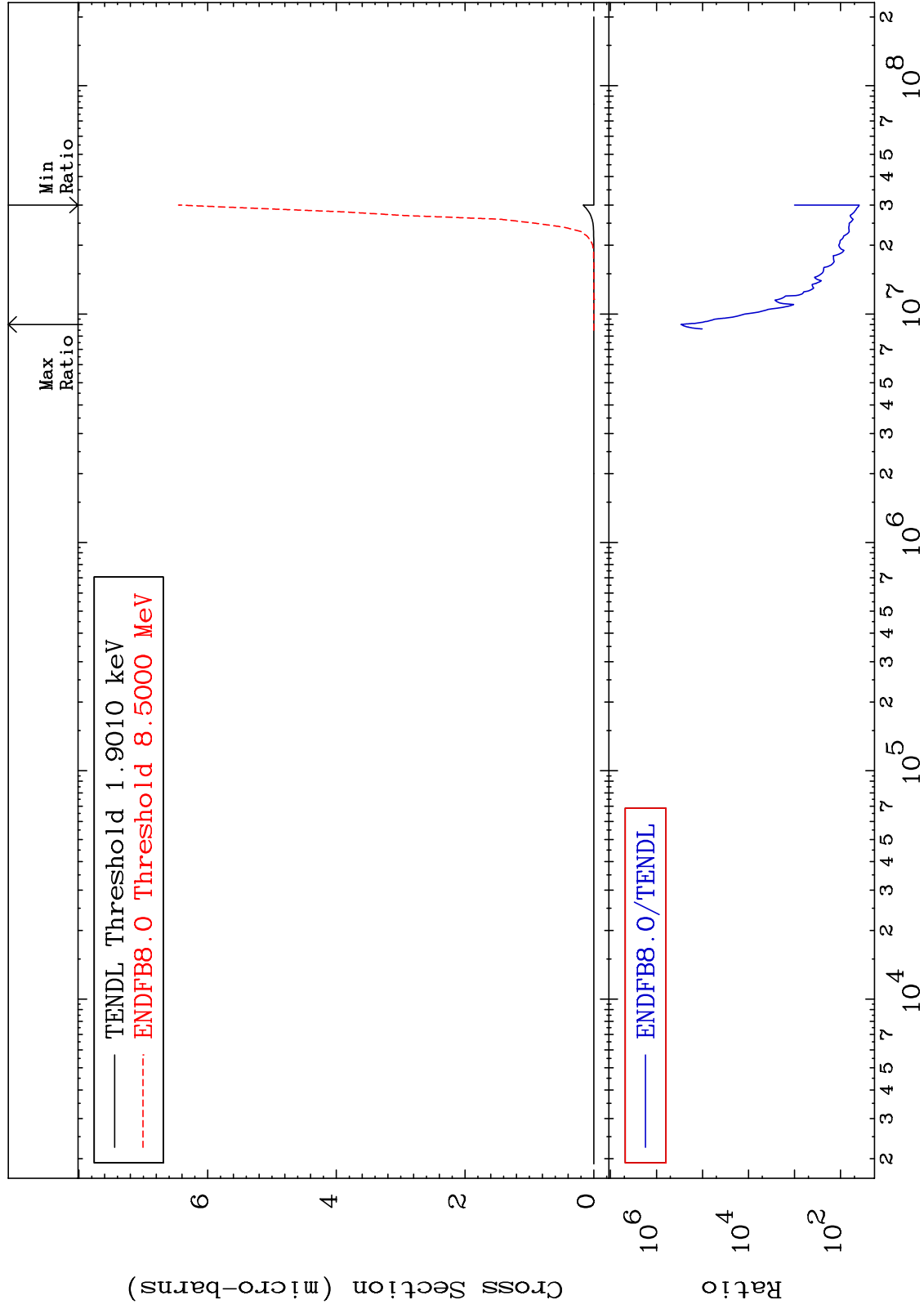
MAT 6925

(n,p) α

Cross Section

69-Tm-169

3819. To 9999. %



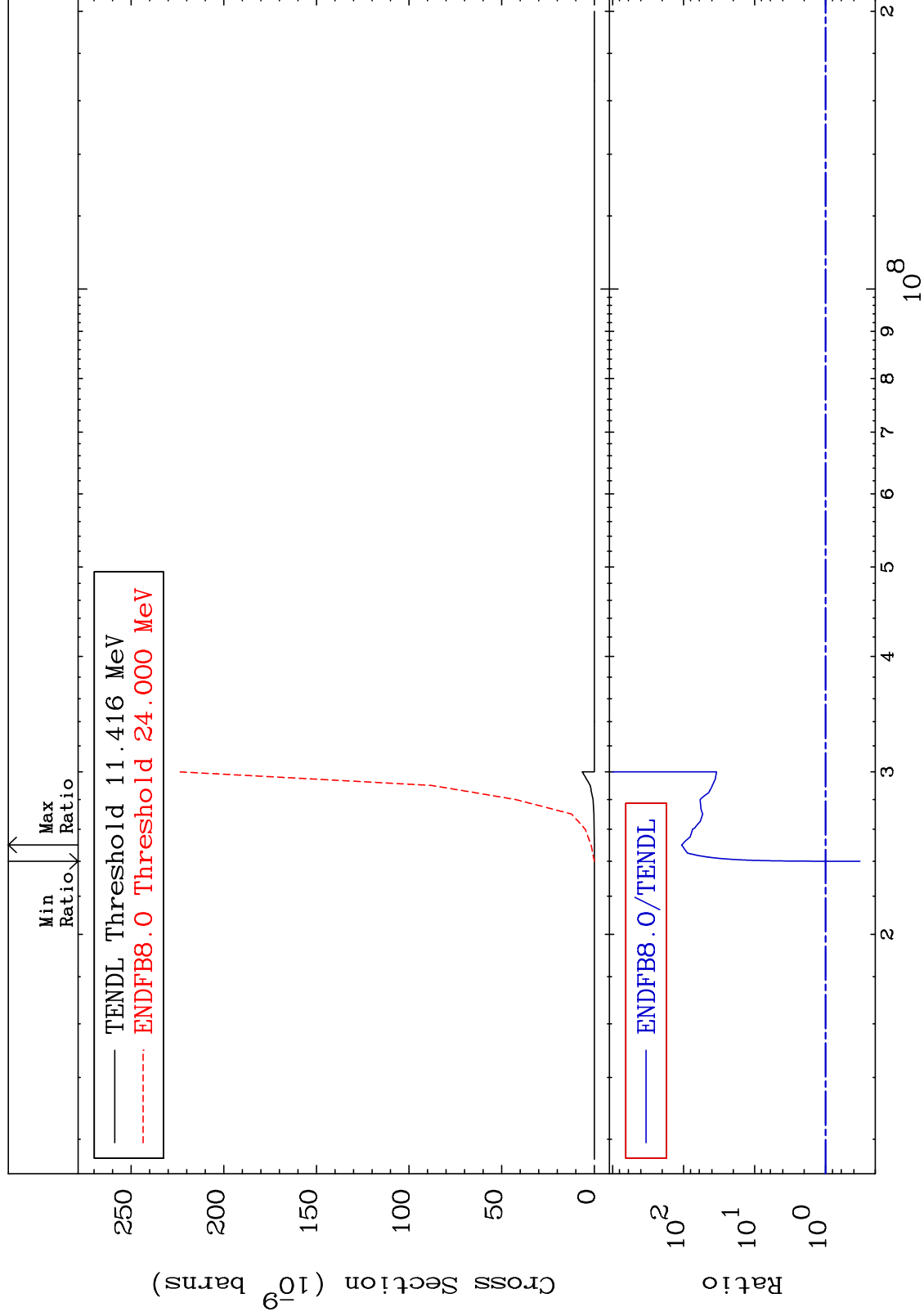
MAT 6925

(n,p) d

69-Tm-169

Cross Section

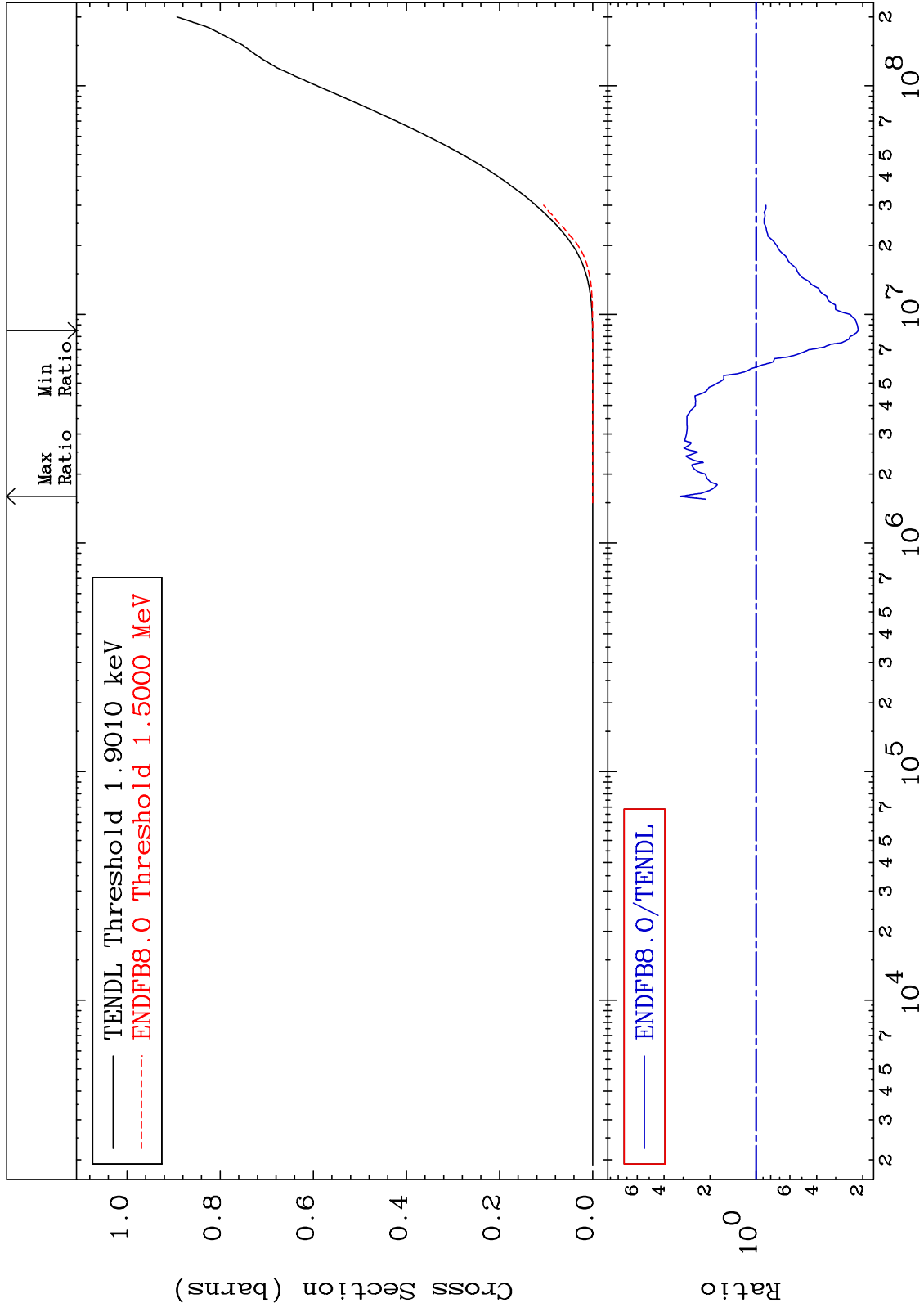
-67.33 To 9999. %



45

Incident Energy (eV)

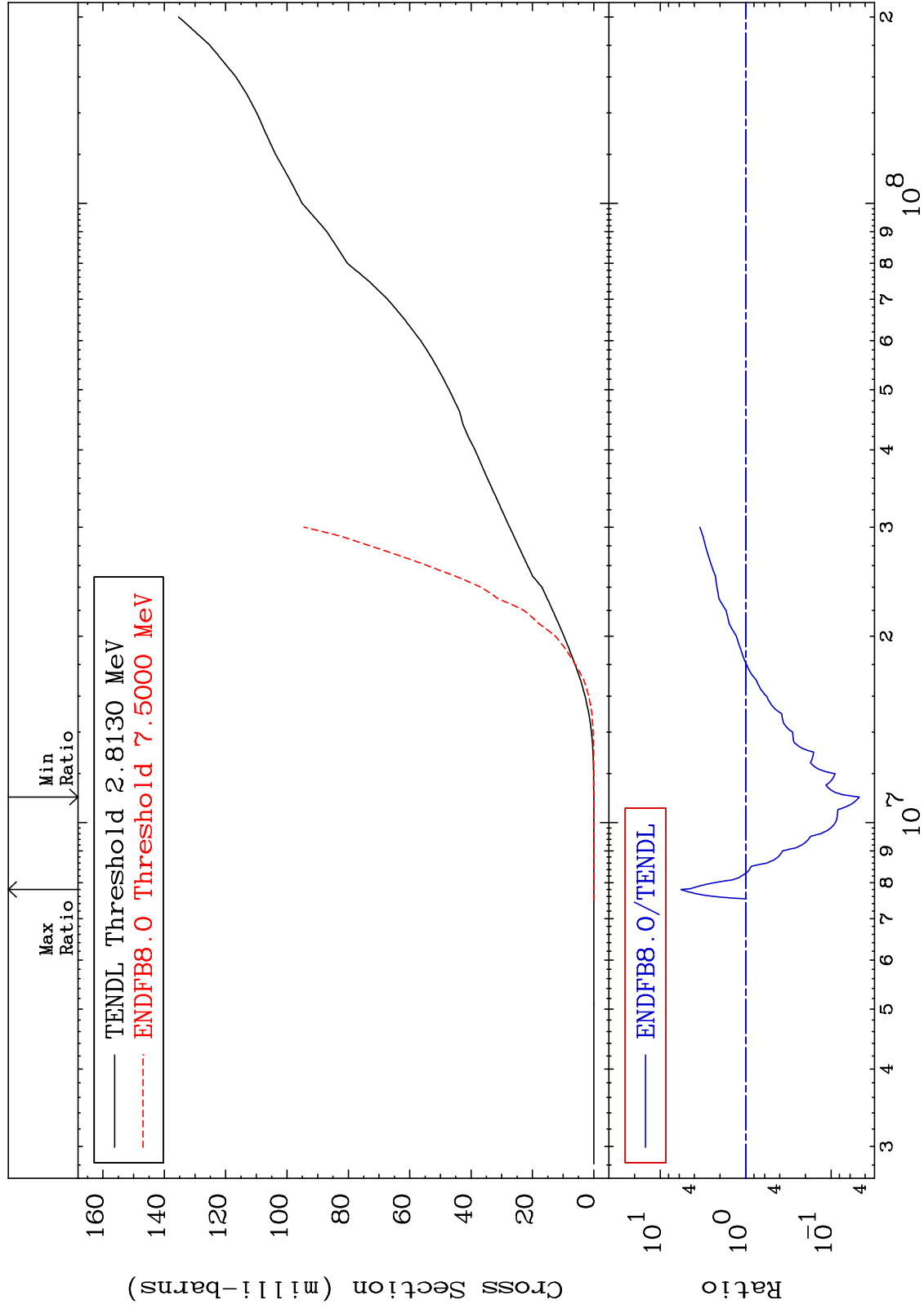
69-Tm-169



MAT 6925

Deuterium Production
Cross Section

69-Tm-169
-95.31 To 471.4 %



47

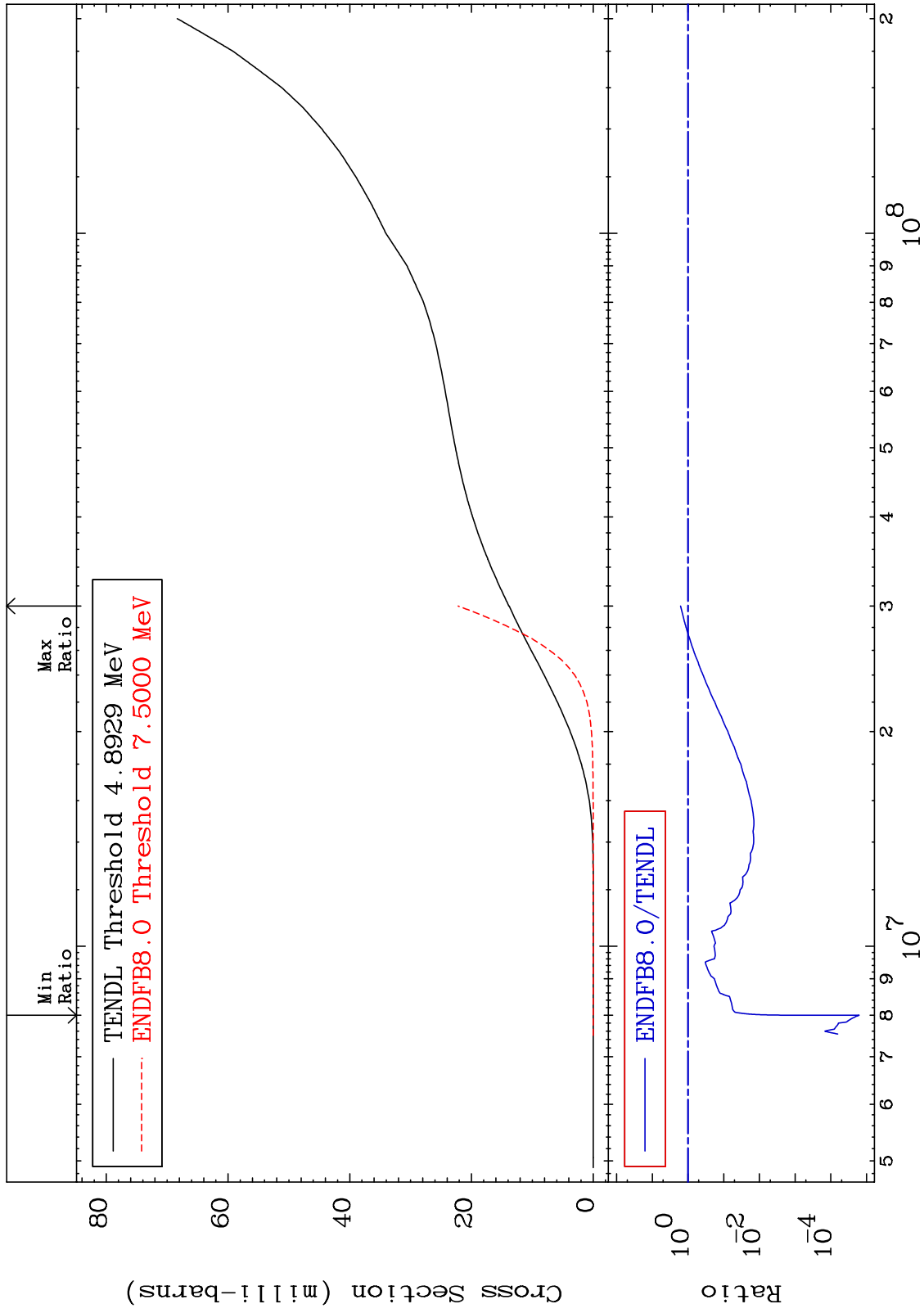
Incident Energy (eV)

69-Tm-169

MAT 6925

Tritium Production
Cross Section

69-Tm-169
-100.0 To 60.94 %



48

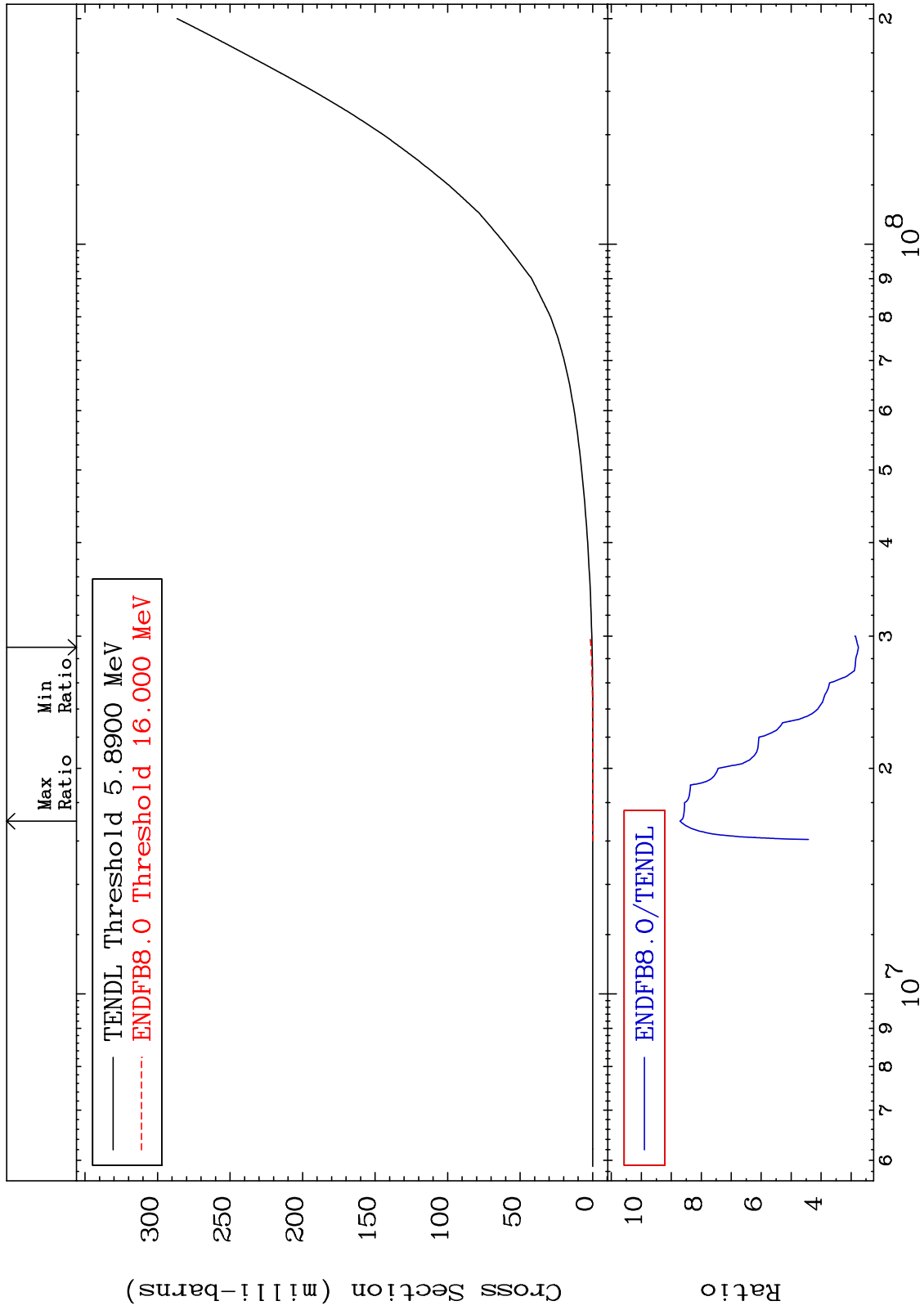
Incident Energy (eV)

69-Tm-169

MAT 6925

He-3 Production
Cross Section

69-Tm-169
175.6 To 770.8 %



49

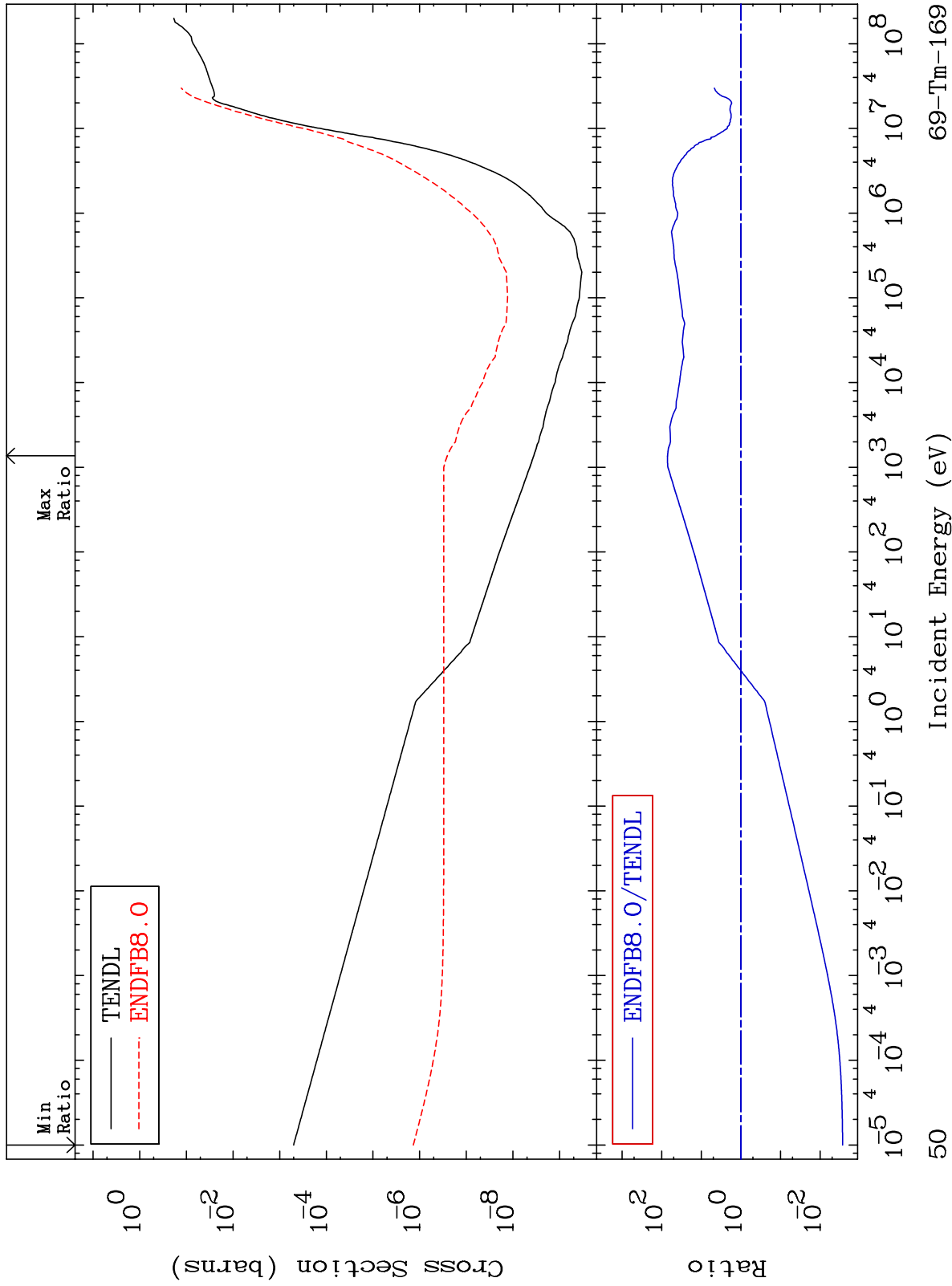
Incident Energy (eV)

69-Tm-169

MAT 6925

He-4 Production
Cross Section

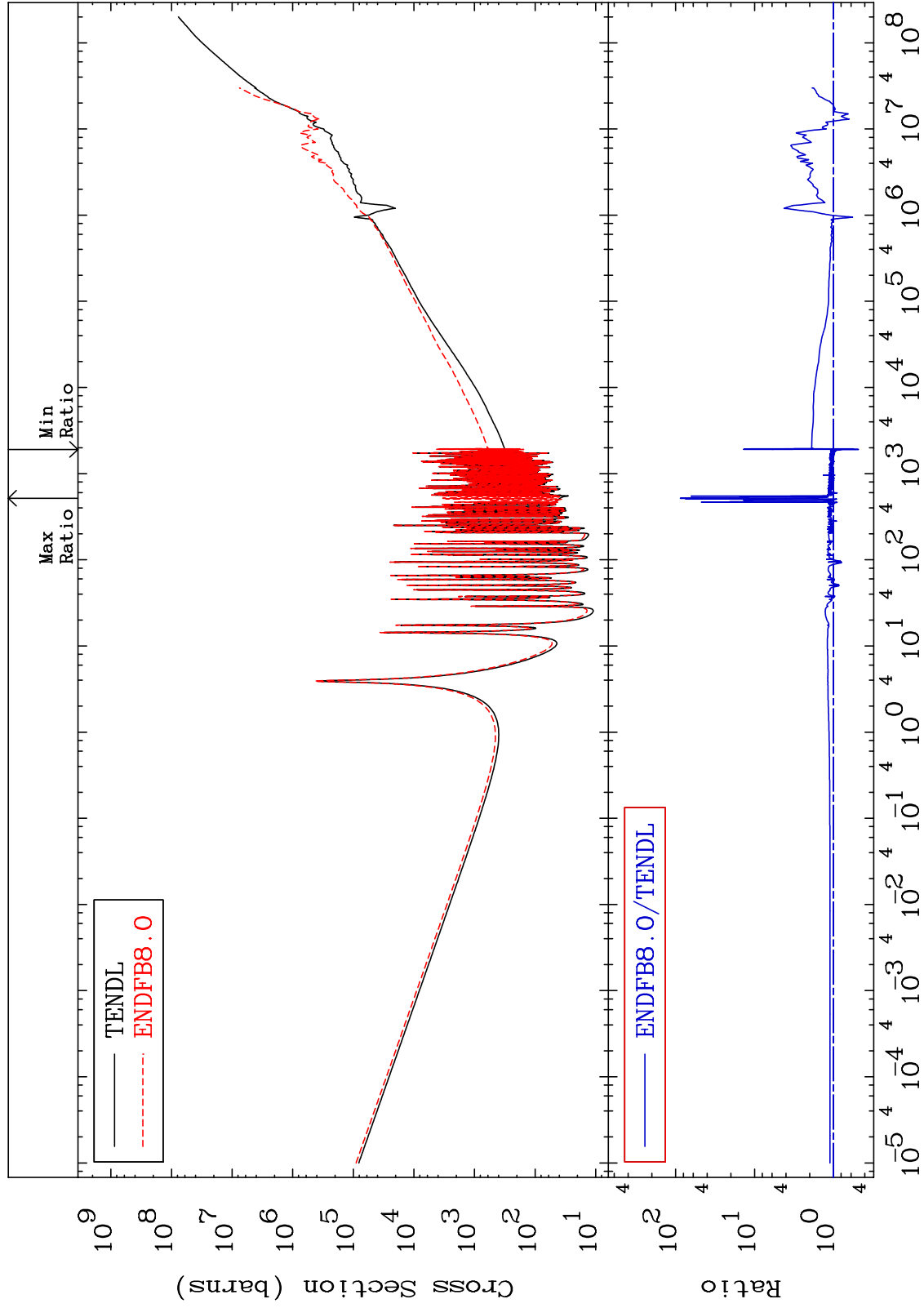
69-Tm-169
-99.73 To 7028. %



MAT 6925

Kerma total (eV-barns)
Cross Section

69-Tm-169
-51.86 To 8600. %



51

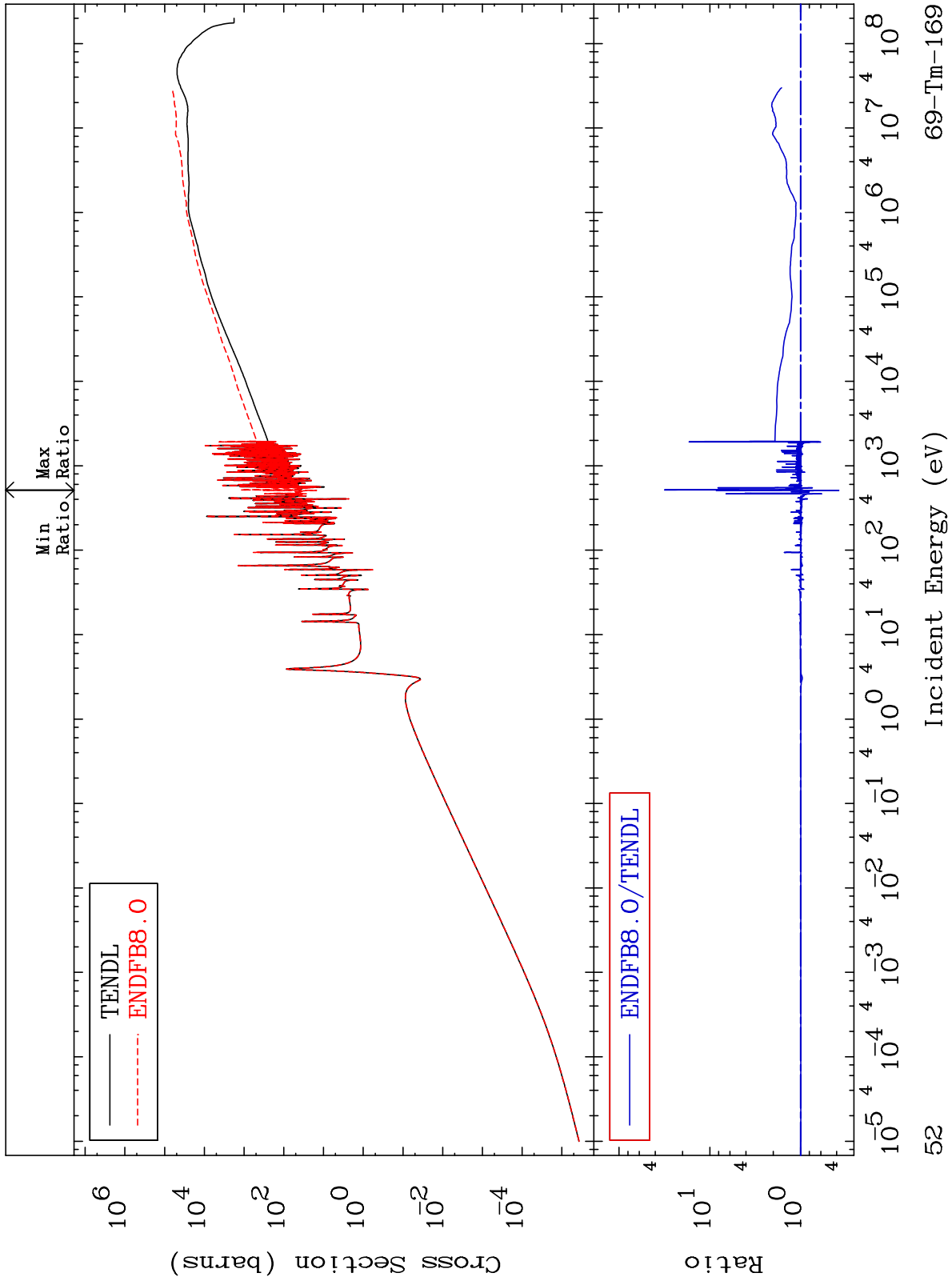
Incident Energy (eV)

69-Tm-169

MAT 6925

Kerma elastic
Cross Section

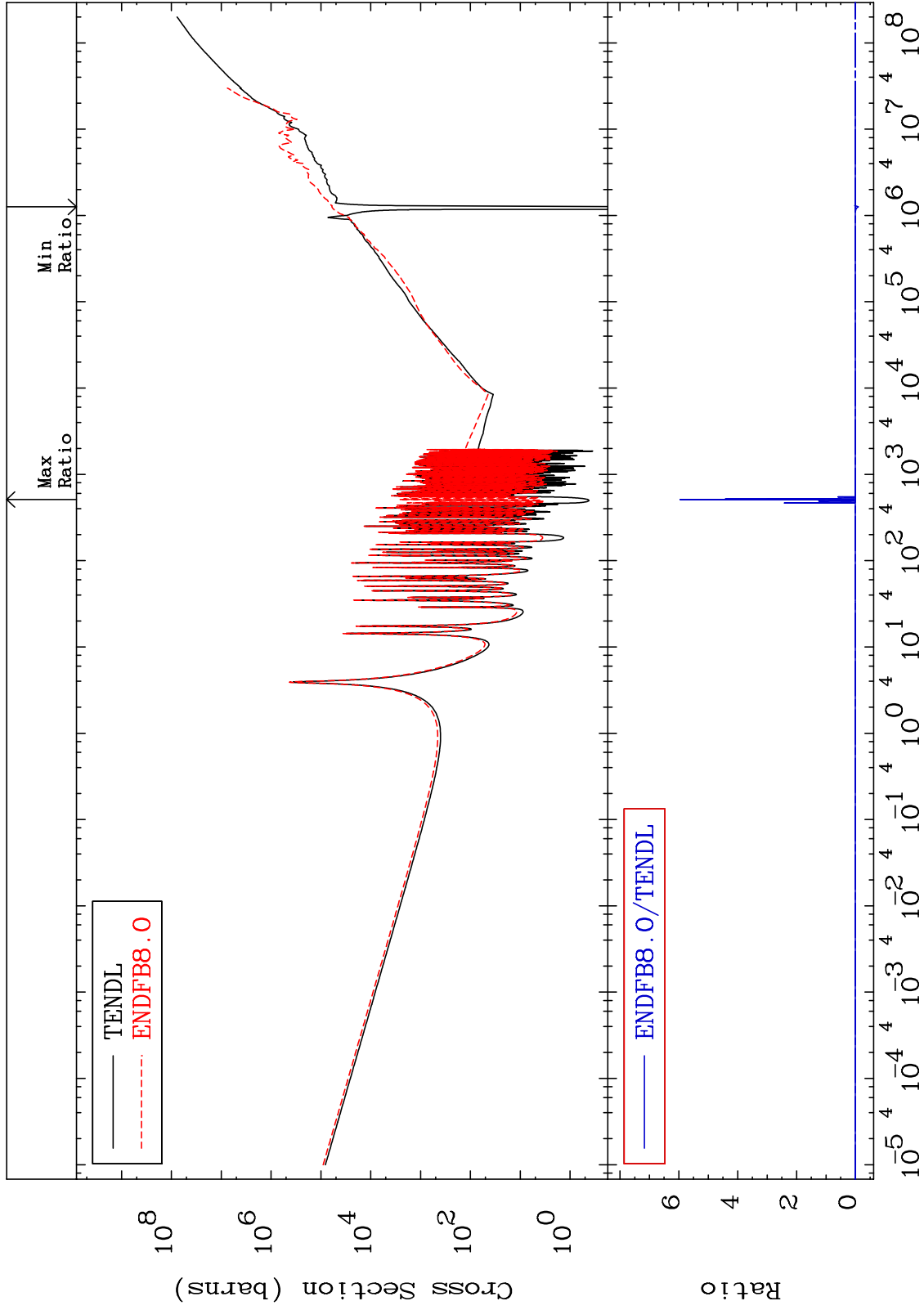
69-Tm-169
-62.26 To 3059. %



MAT 6925

Kerma non-elastic (all but mt2)
Cross Section

69-Tm-169
-9999. To 9999. %



53

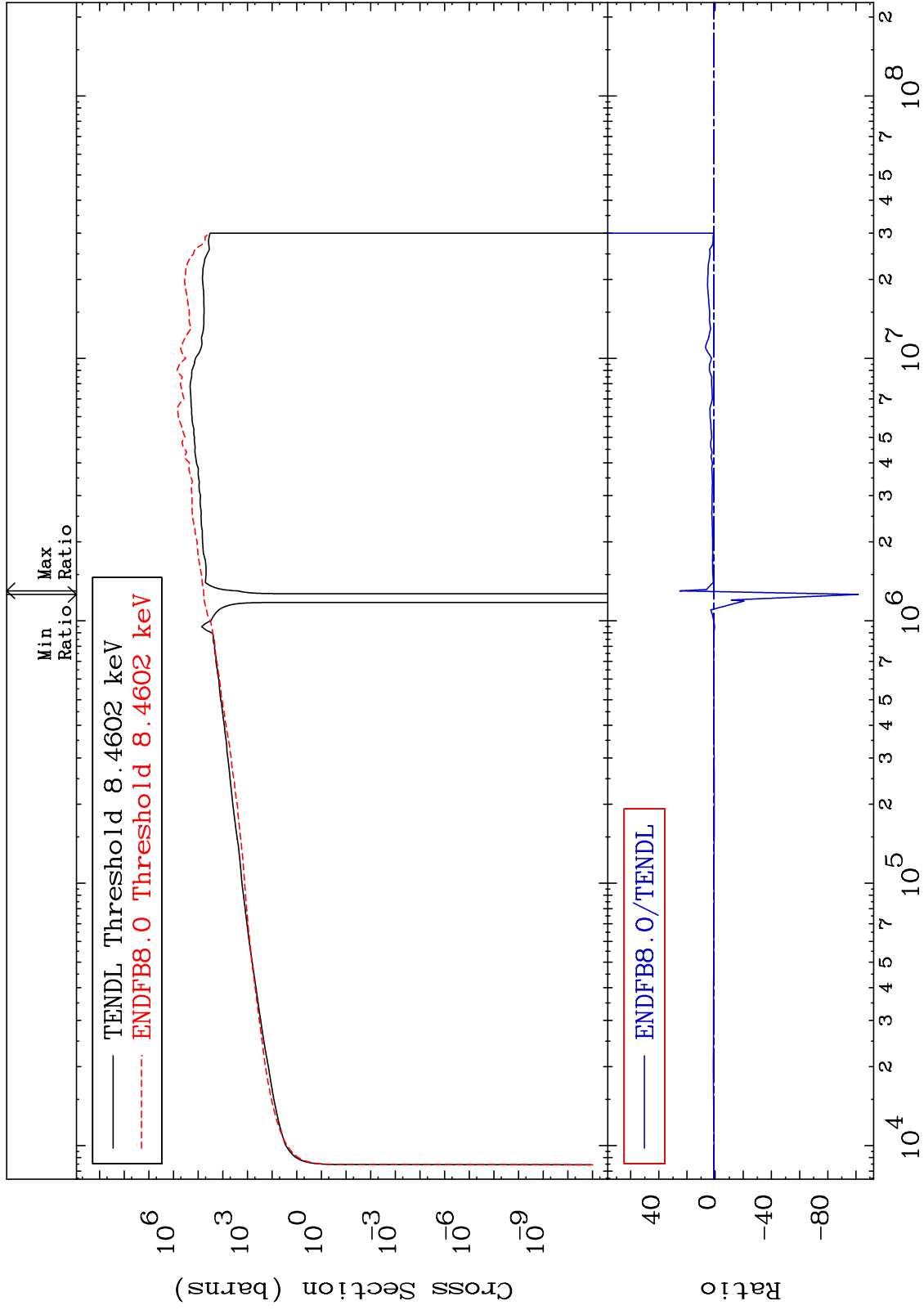
Incident Energy (eV)

69-Tm-169

MAT 6925

Kerma inelastic (mt51-91)
Cross Section

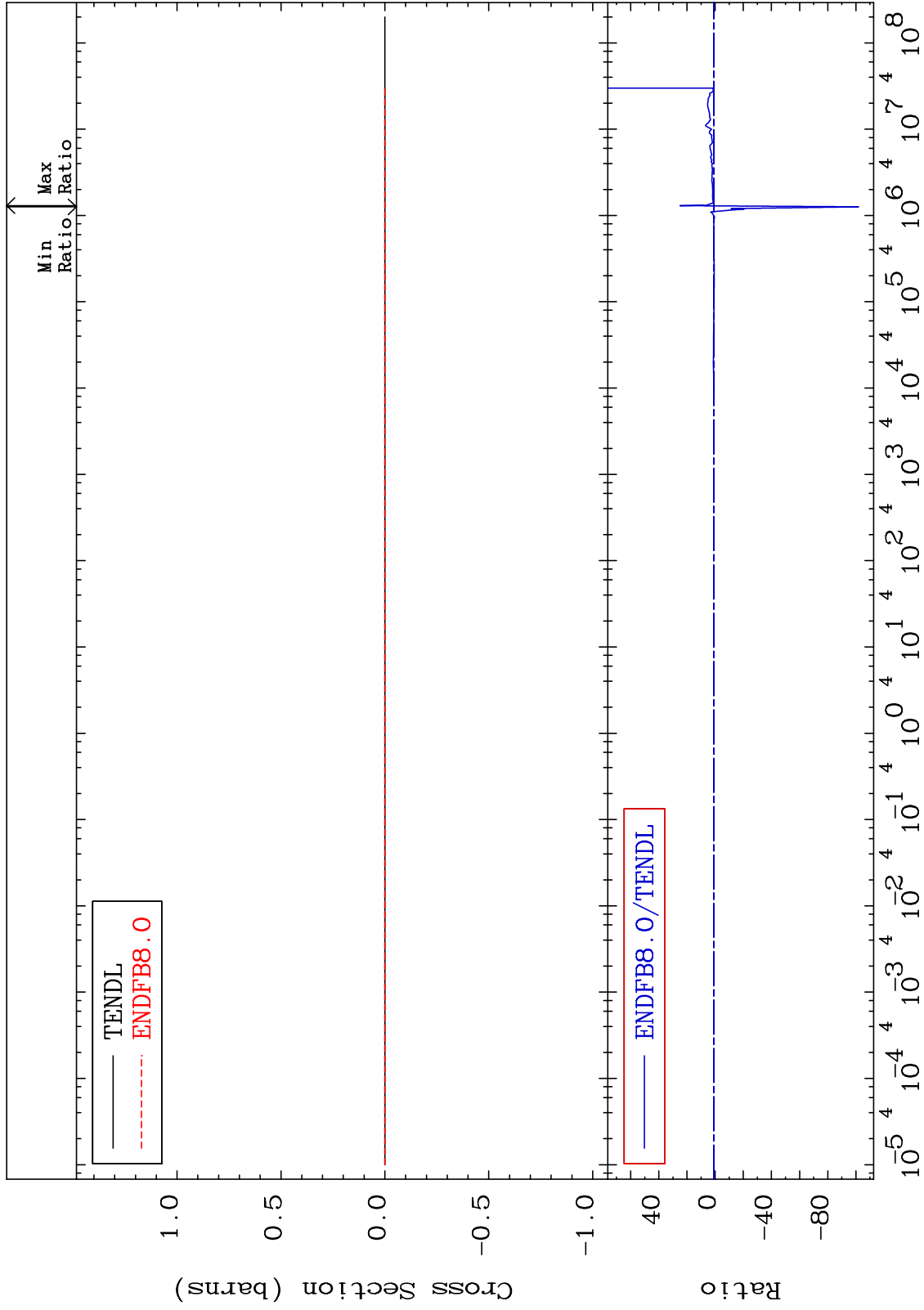
69-Tm-169
-9999. To 2394. %



MAT 6925

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

69-Tm-169
-9999. To 2394. %



55

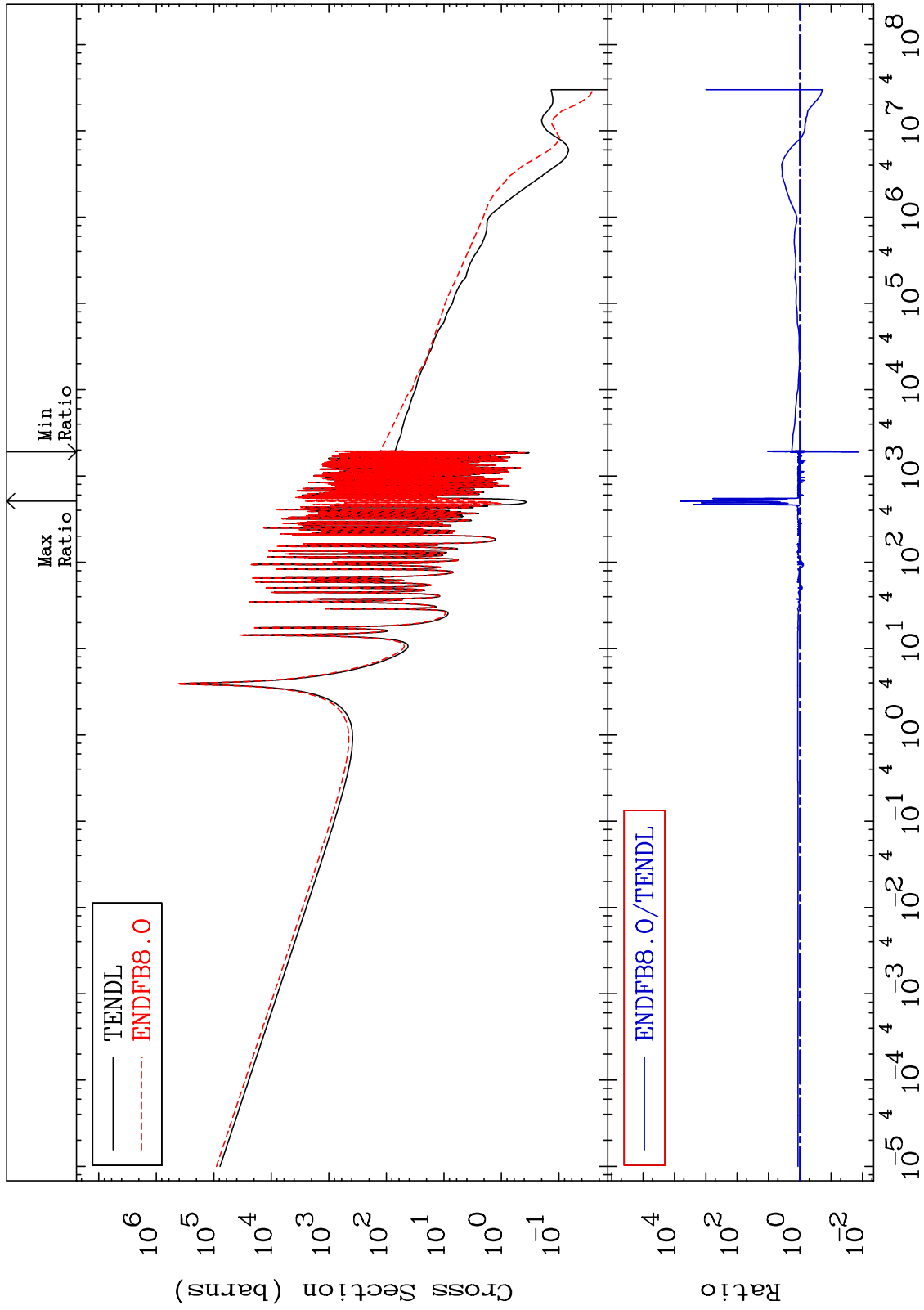
Incident Energy (eV)

69-Tm-169

MAT 6925

Kerma capture (mt102)
Cross Section

69-Tm-169
-98.64 To 9999. %



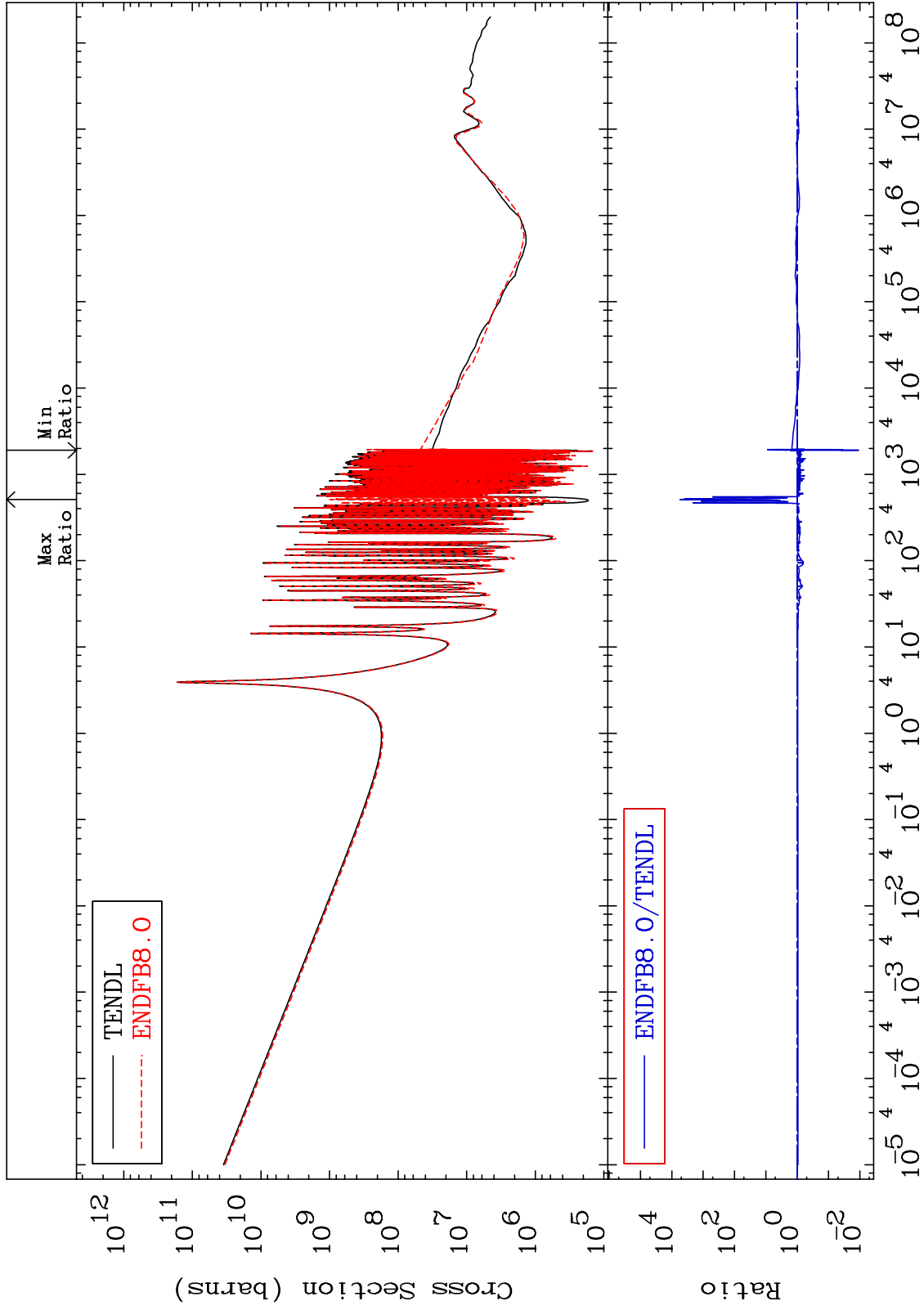
56

69-Tm-169

MAT 6925

Total photon (eV-barns)
Cross Section

69-Tm-169
-98.88 To 9999. %



57

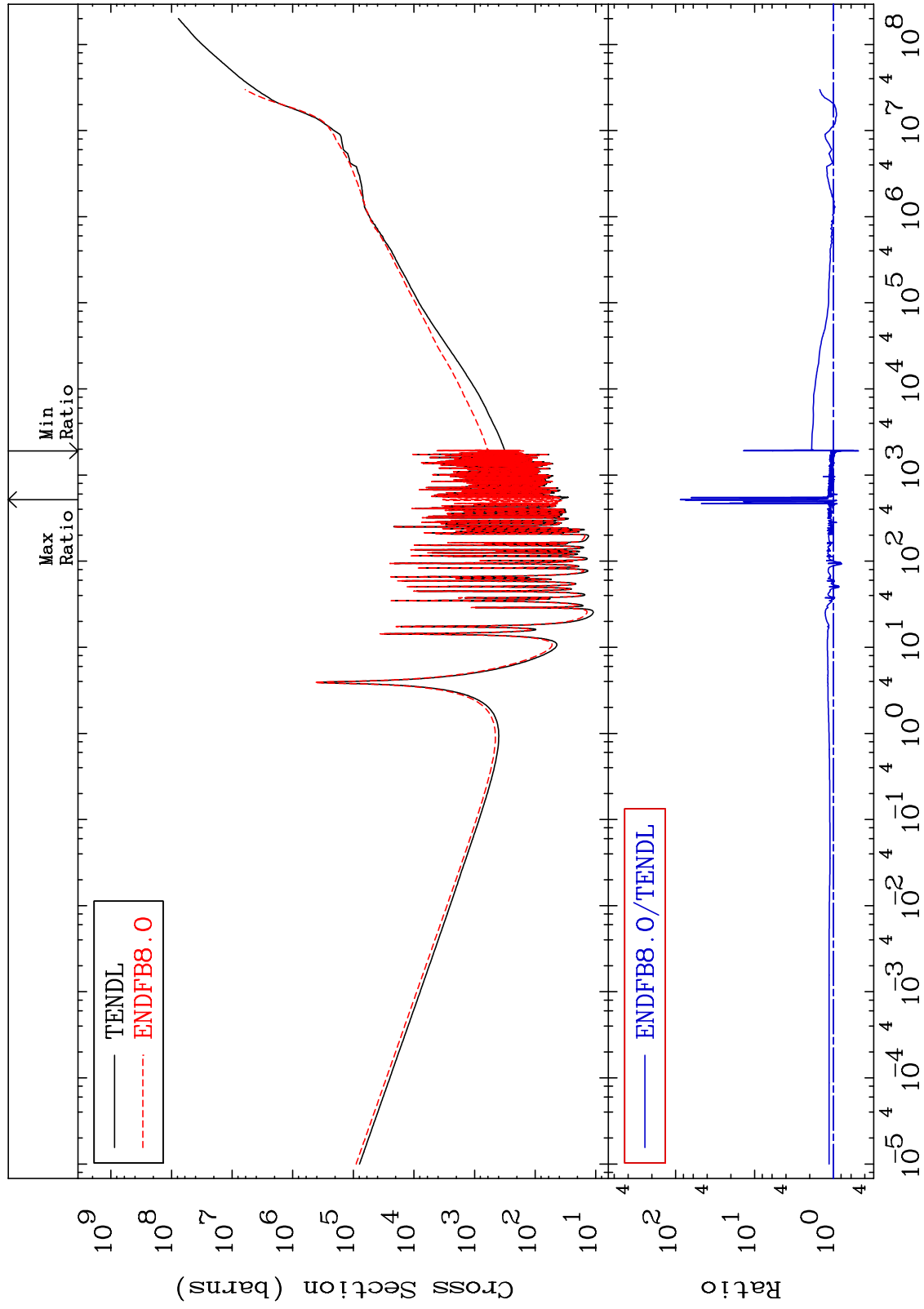
Incident Energy (eV)

69-Tm-169

MAT 6925

Total kinematic kerma (high limit)
Cross Section

69-Tm-169
-51.86 To 8600. %



58

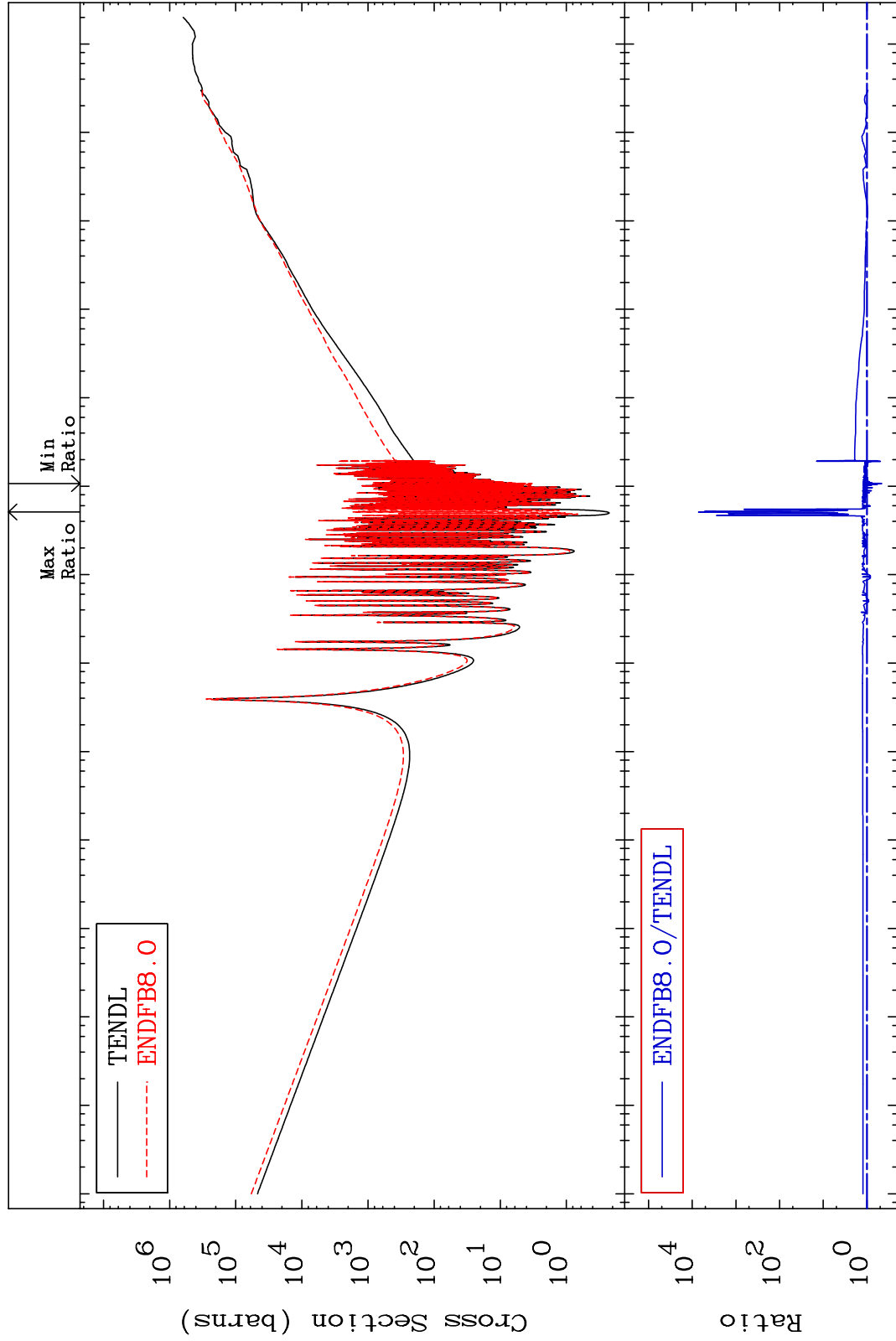
Incident Energy (eV)

69-Tm-169

MAT 6925

Dpa total (eV-barns)
Cross Section

69-Tm-169
-53.80 To 9999. %



59

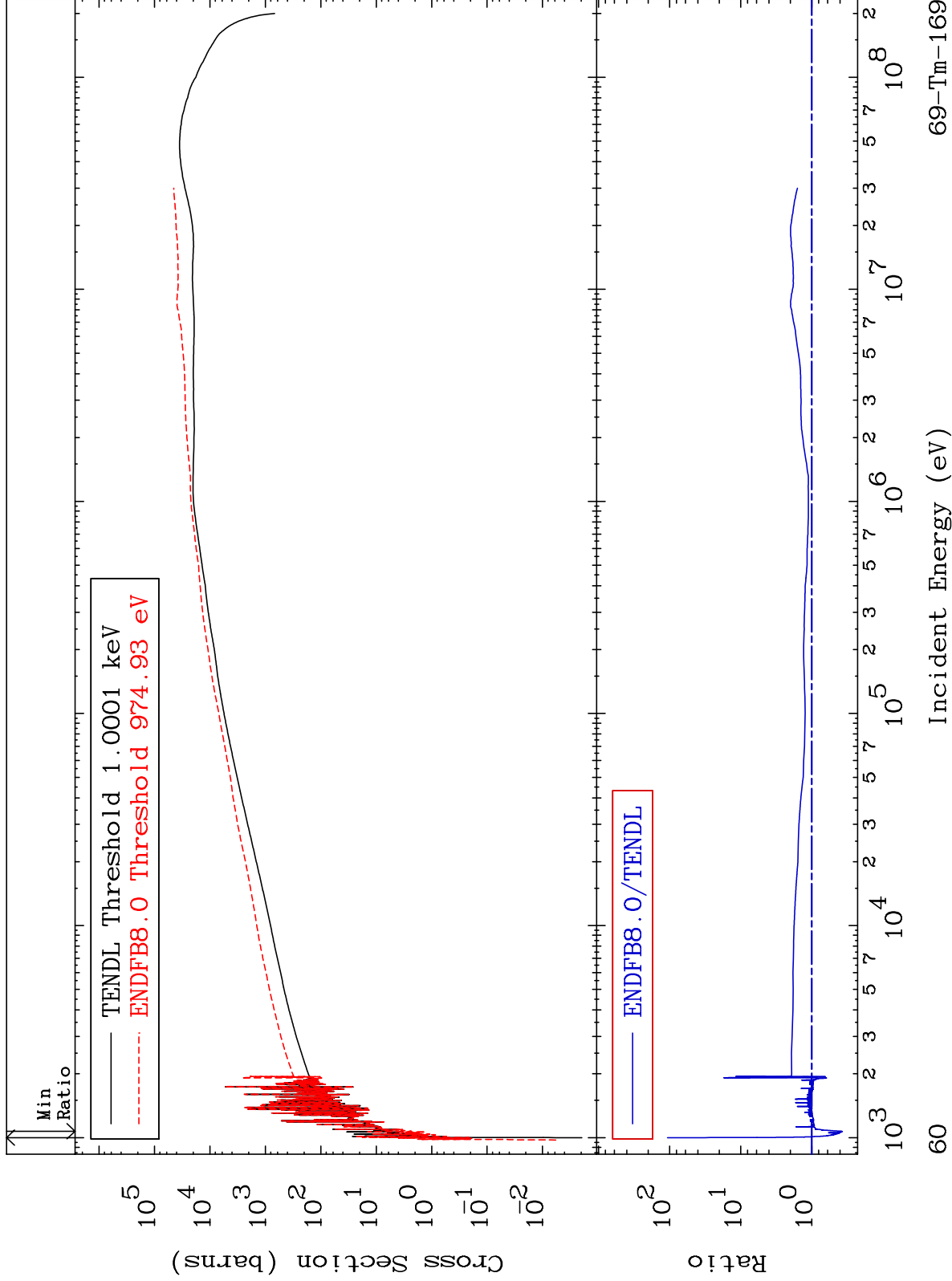
Incident Energy (eV)

69-Tm-169

MAT 6925

Dpa elastic (mt2)
Cross Section

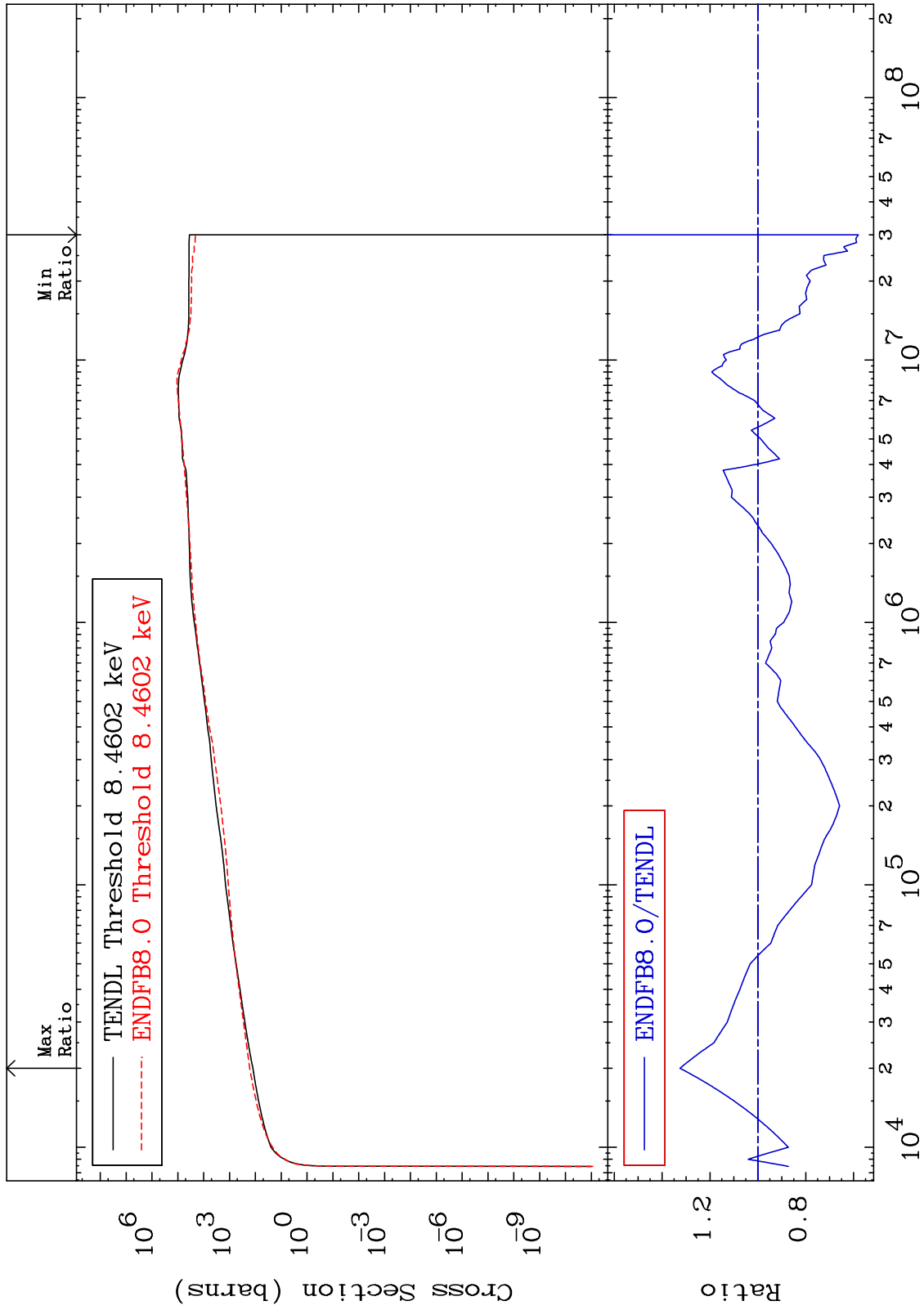
69-Tm-169
-63.20 To 9999. %



MAT 6925

Dpa inelastic (mt51-91)
Cross Section

69-Tm-169
-42.02 To 32.50 %



61

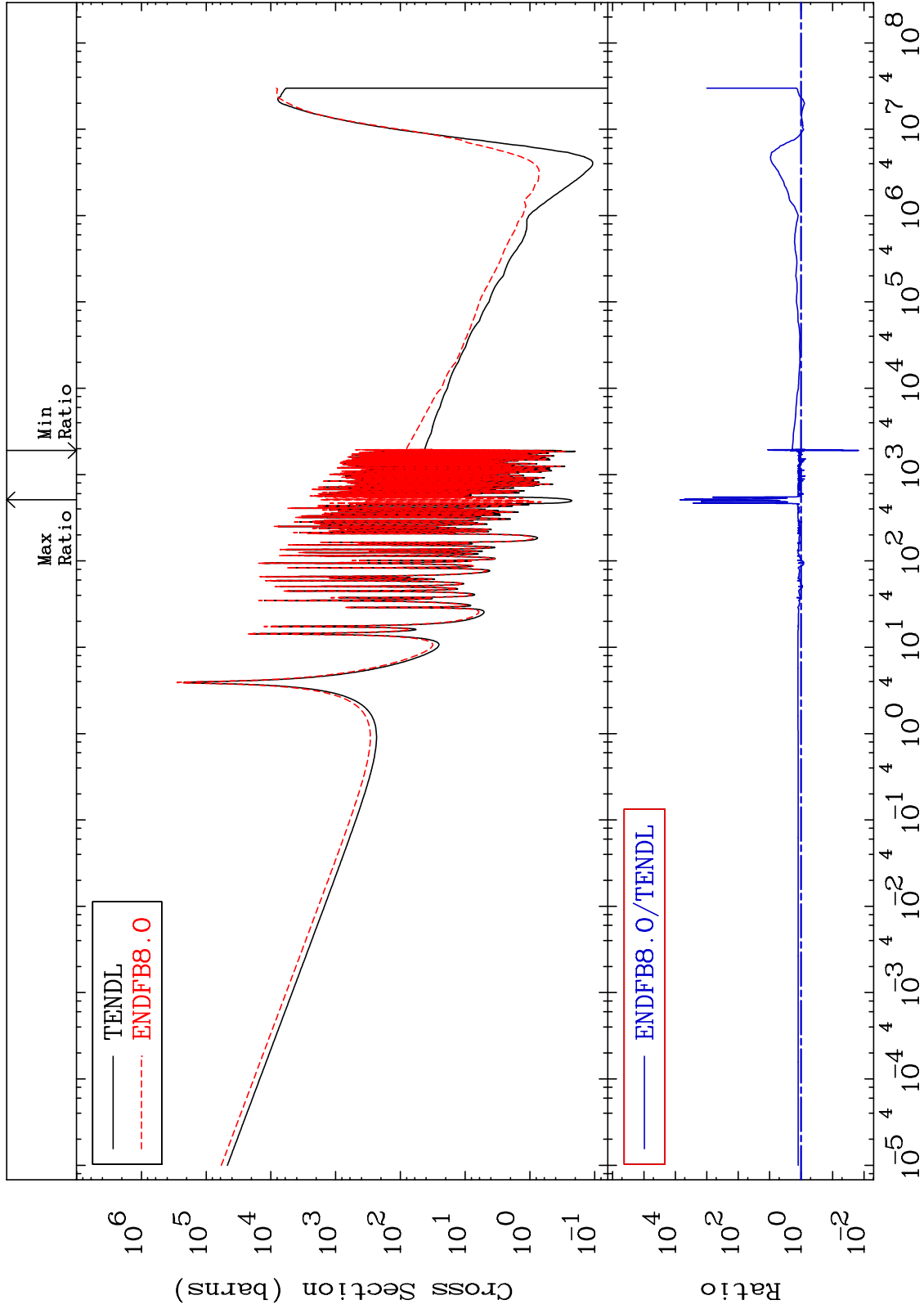
Incident Energy (eV)

69-Tm-169

MAT 6925

Dpa disappearance (mt102 -120)
Cross Section

69-Tm-169
-98.50 To 9999. %



62

Incident Energy (eV)

69-Tm-169

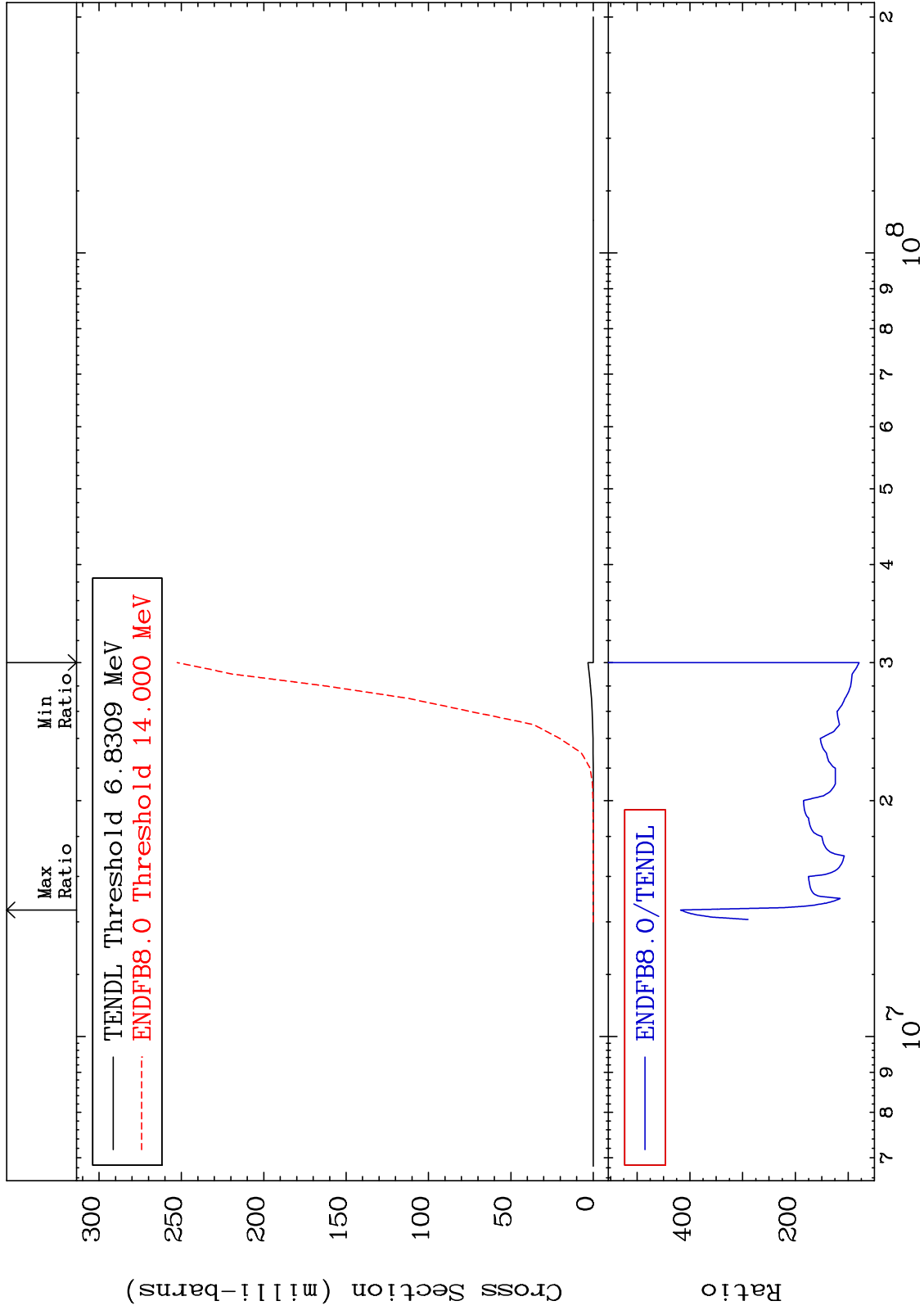
MAT 6925

69-Tm-169

(n,2n) α :67-Ho-164g

Radionuclide Production Cross Section

7820. To 9999. %



63

Incident Energy (eV)

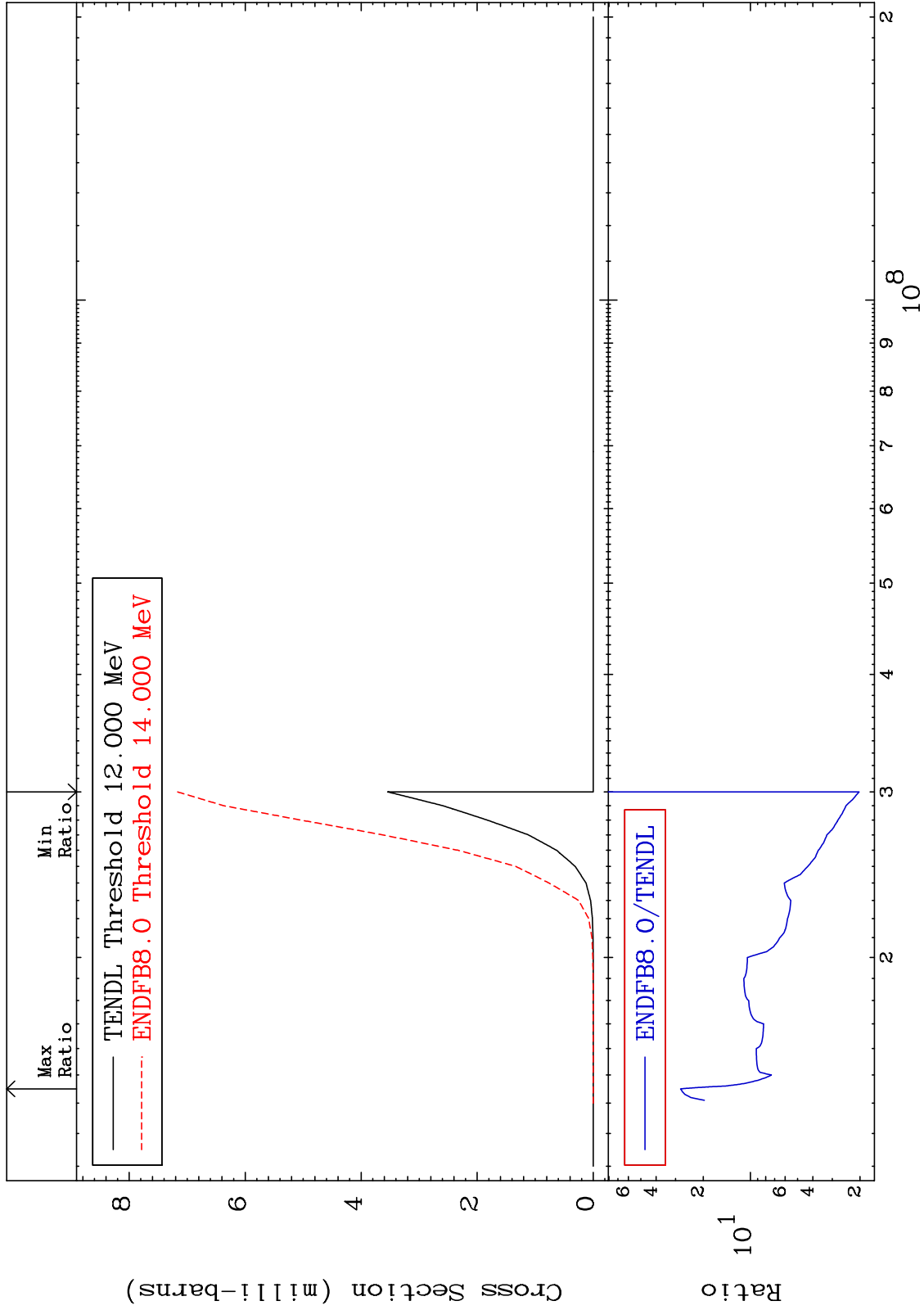
69-Tm-169

MAT 6925

(n,2n) α : 67-Ho-164m3

69-Tm-169

Radionuclide Production Cross Section 102.3 To 2688. %

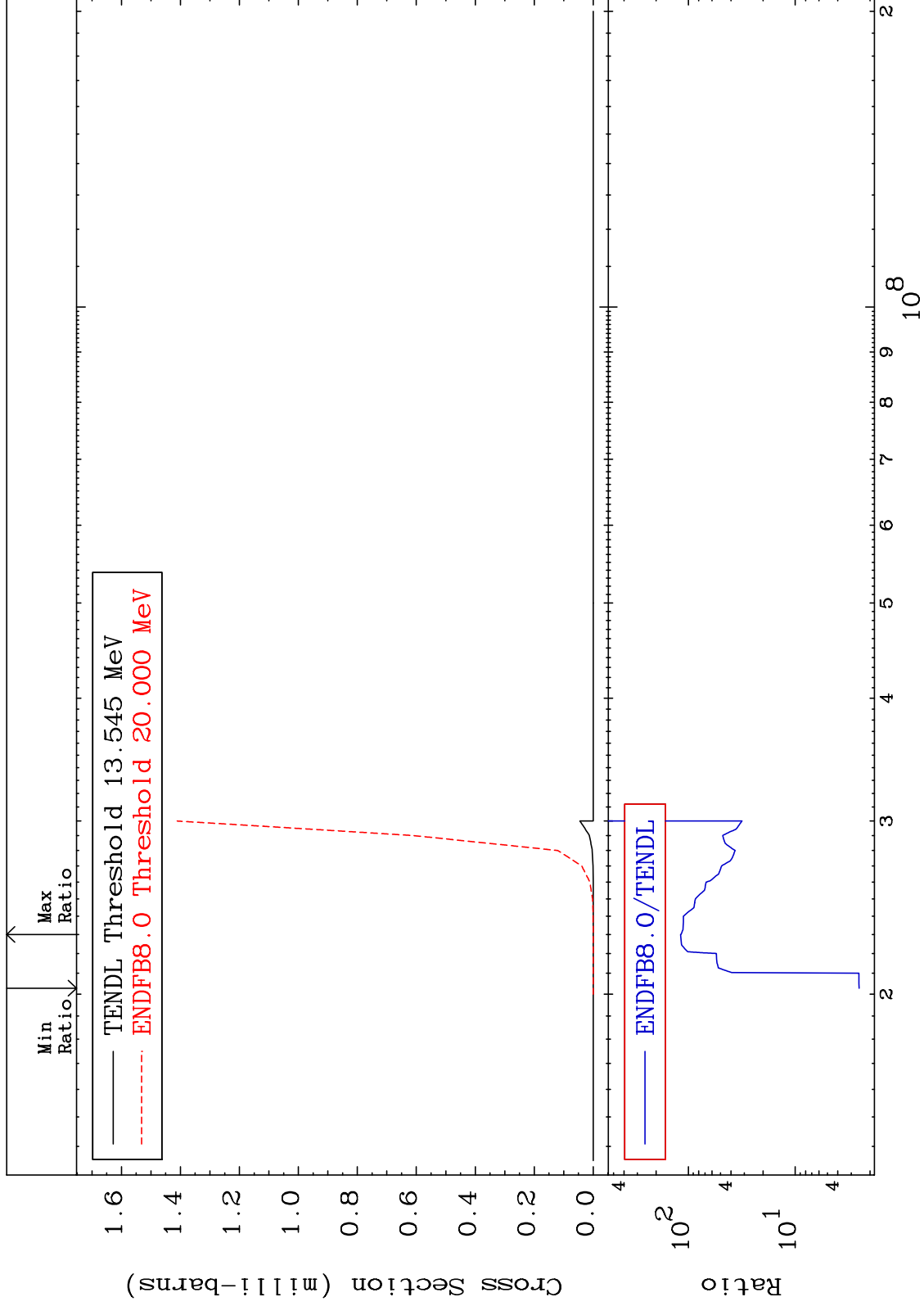


MAT 6925

(n,3n) α :67-Ho-163g

69-Tm-169

Radionuclide Production Cross Section 152.5 To 9999. %

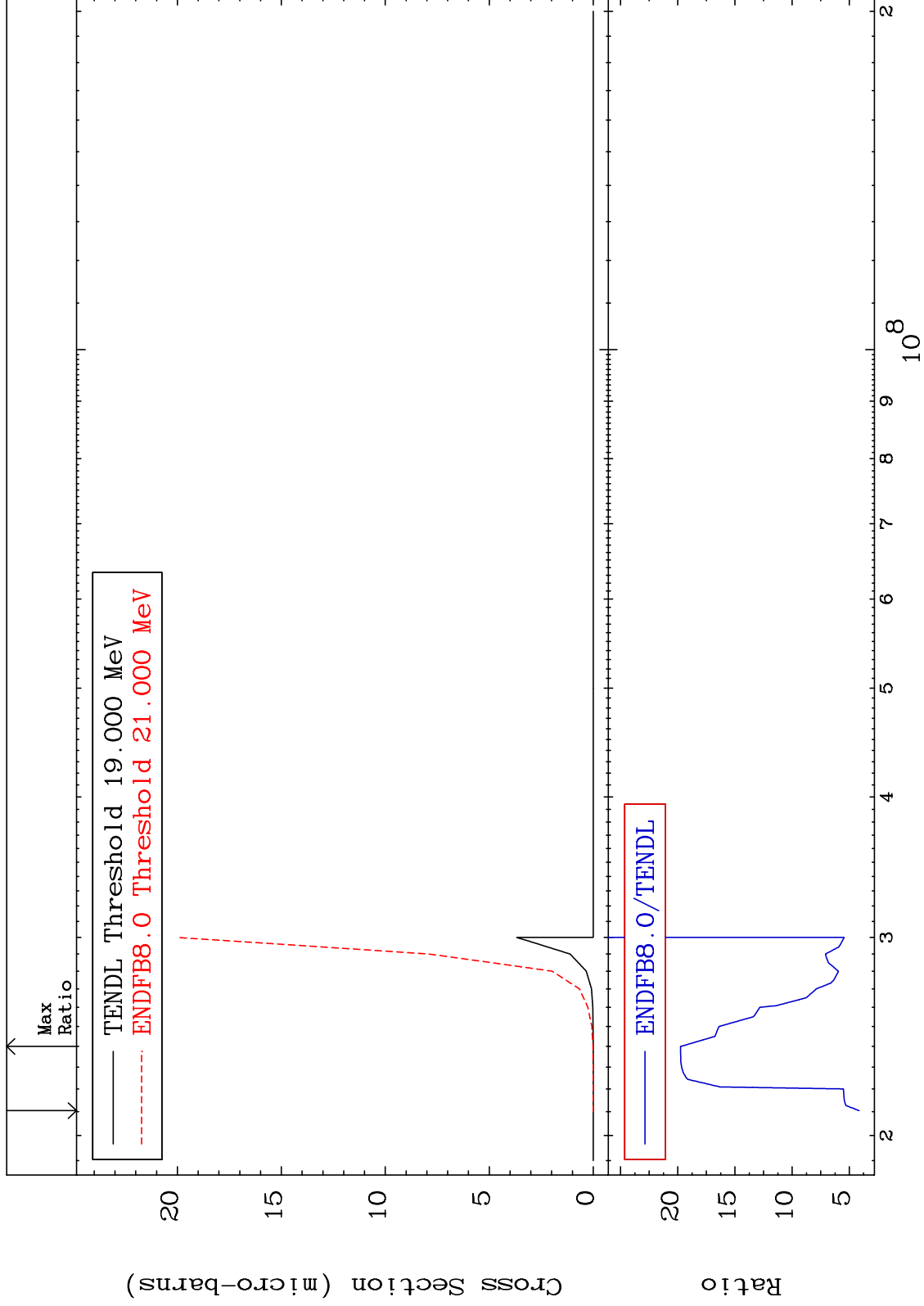


MAT 6925

(n,3n) α : 67-Ho-163m3

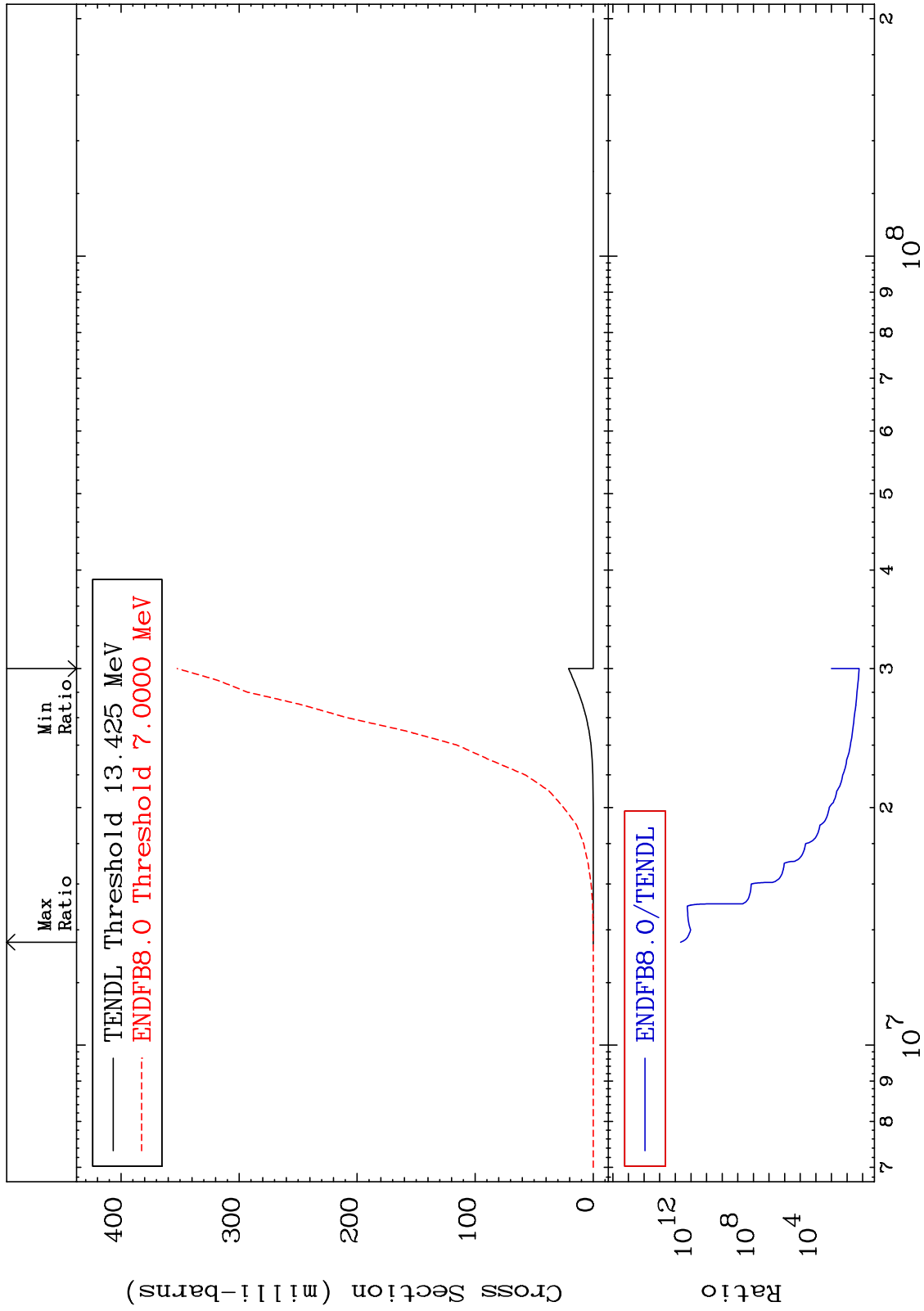
69-Tm-169

Radionuclide Production Cross Section 313.7 To 1875. %



MAT 6925

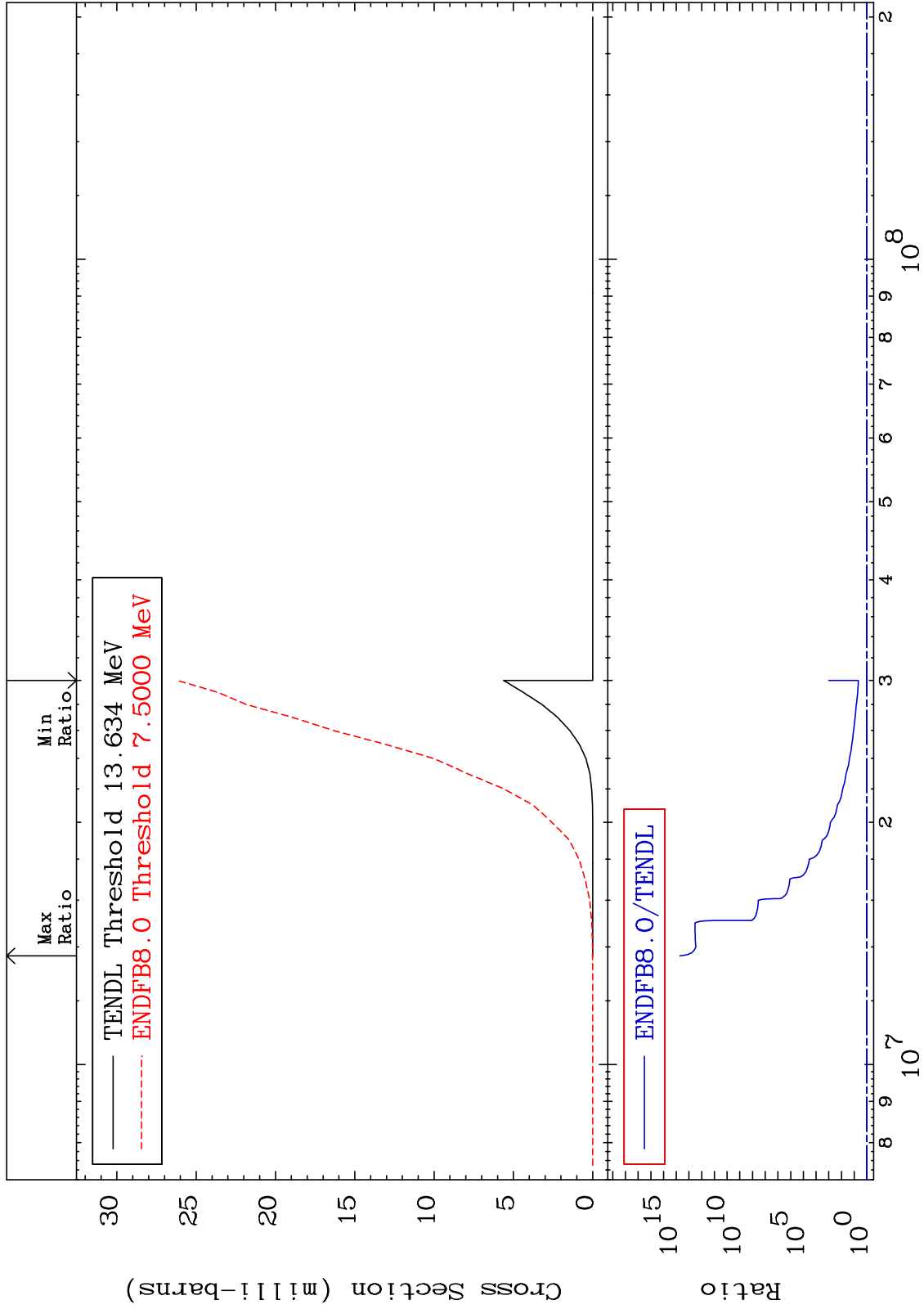
(n,2n) p:68-Er-167g 69-Tm-169
Radionuclide Production Cross Section 1588. To 9999. %



69-Tm-169

Incident Energy (eV)

67



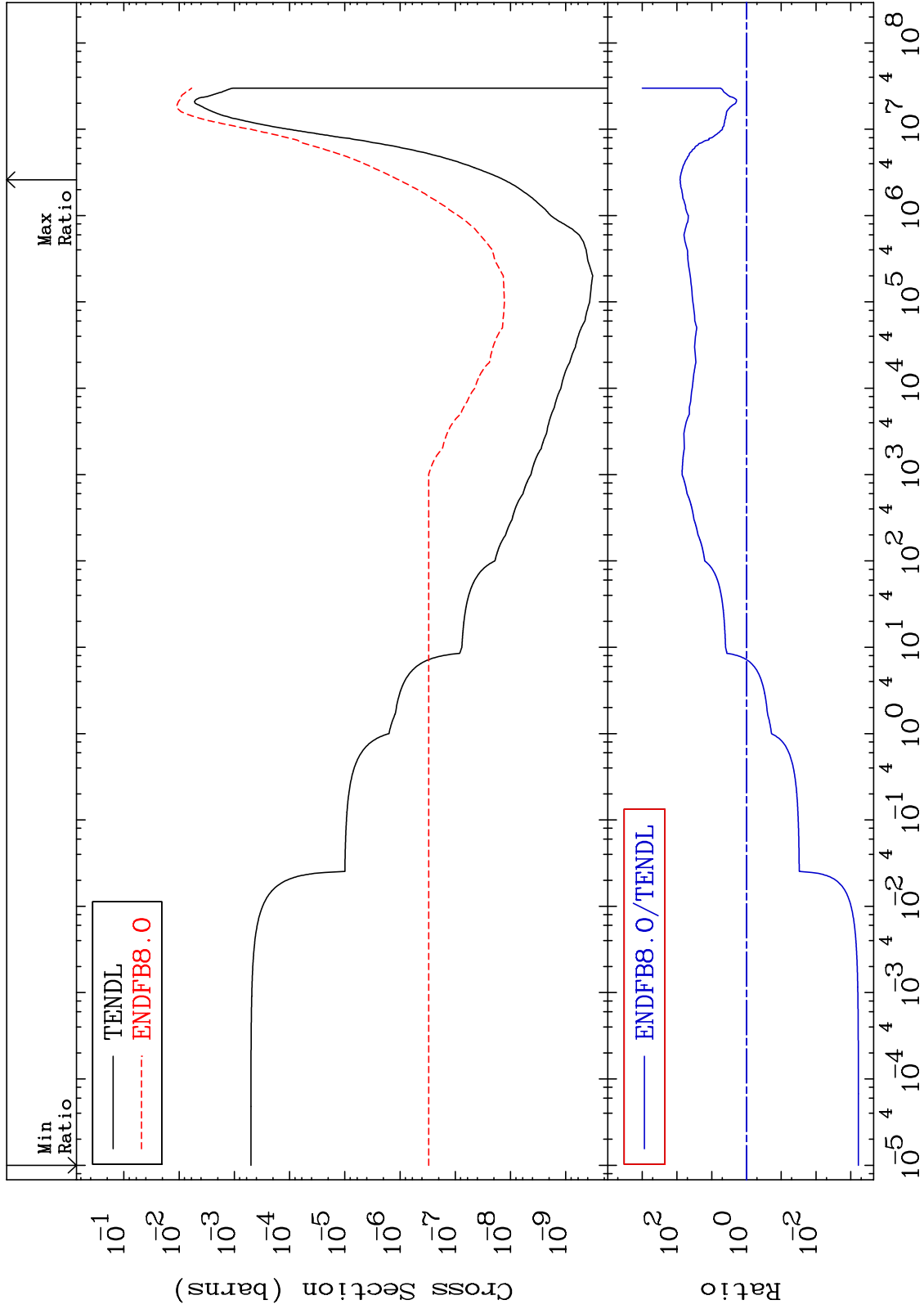
MAT 6925

(n, α): 67-Ho-166g

69-Tm-169

Radionuclide Production Cross Section

-99.94 To 8042. %



69

Incident Energy (eV)

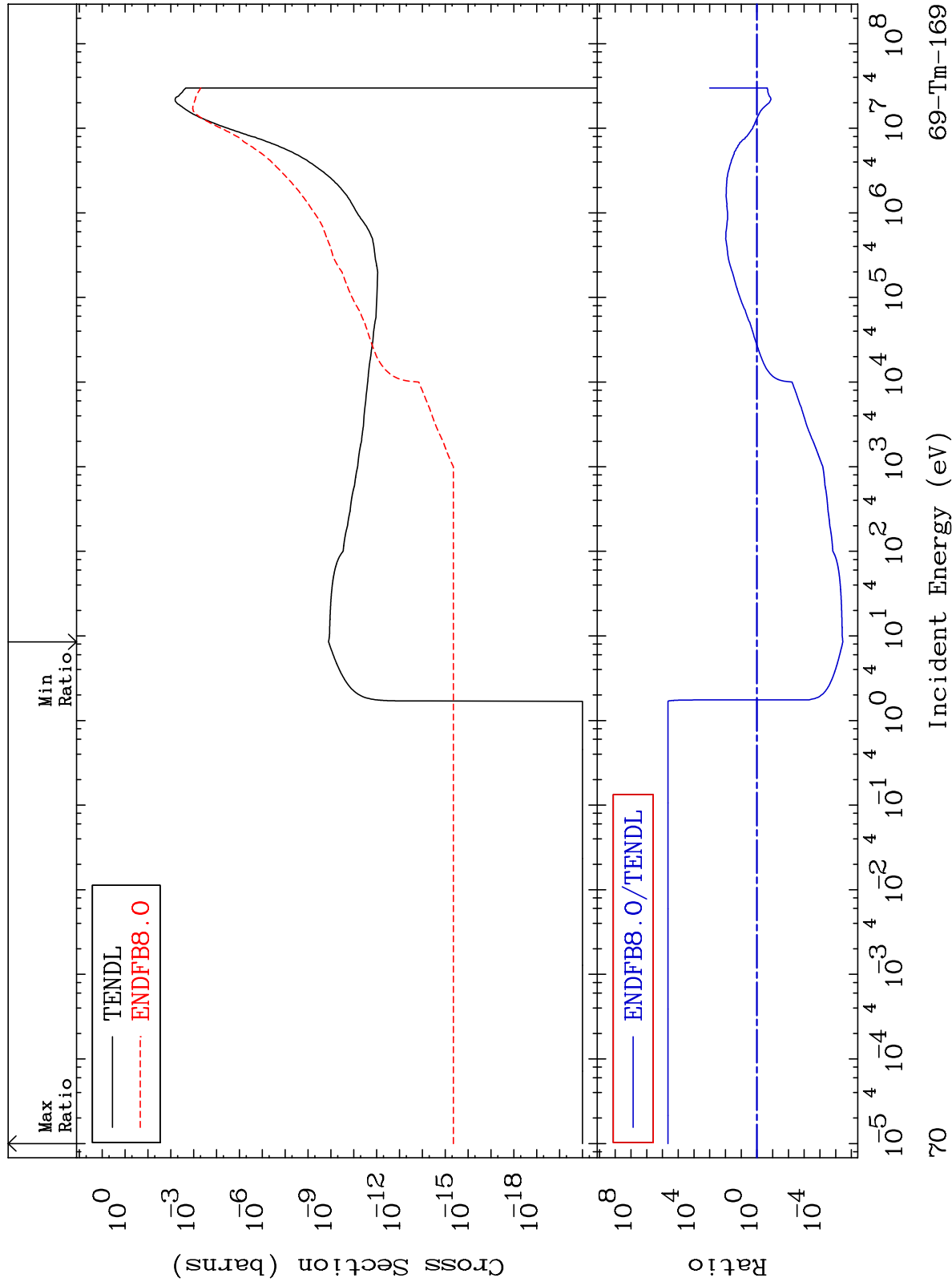
69-Tm-169

MAT 6925

(n, α): 67-Ho-166m1

69-Tm-169

Radionuclide Production Cross Section -100.0 To 9999. %



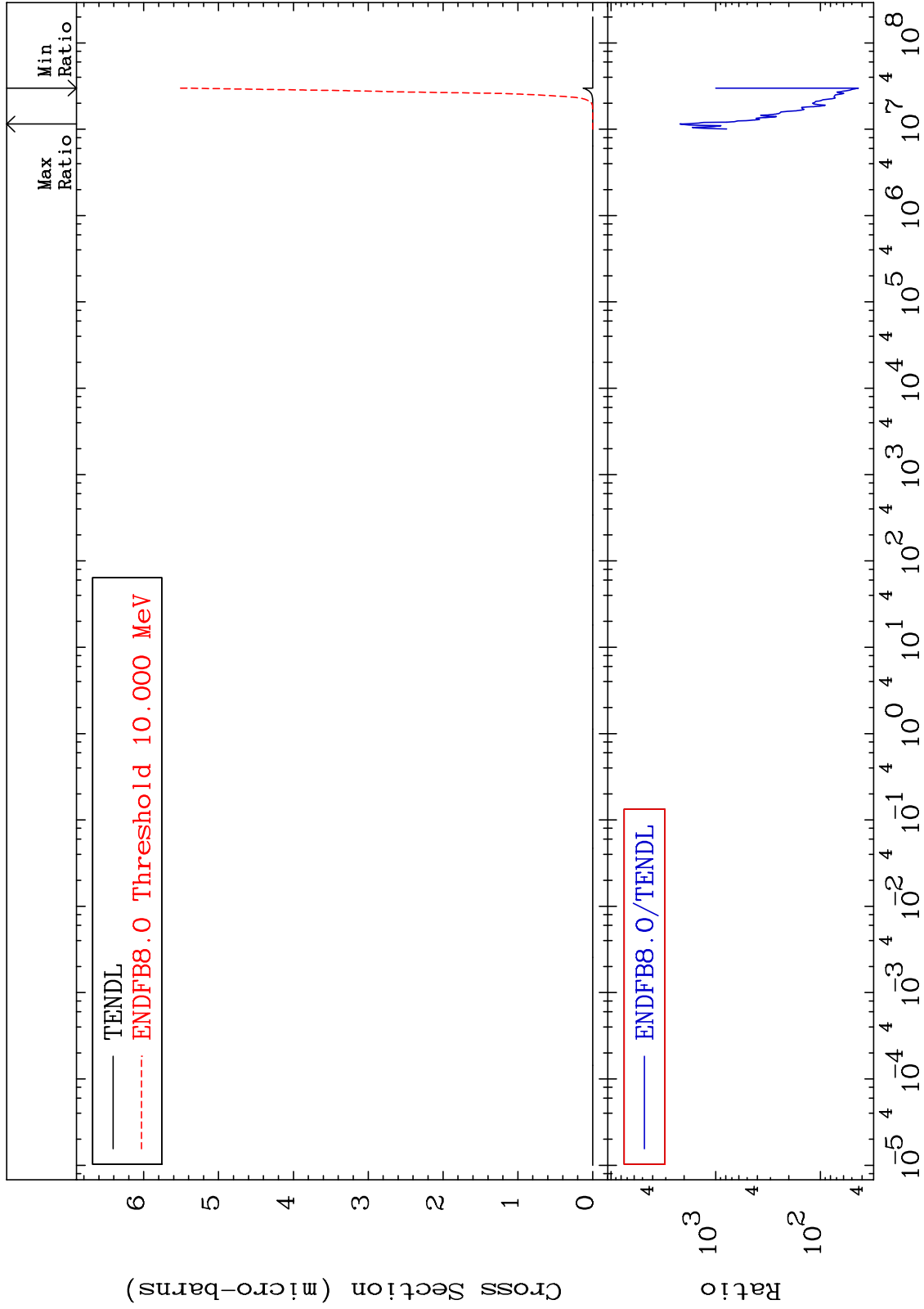
70

69-Tm-169

MAT 6925

(n, p) α : 66-Dy-165g
Radionuclide Production Cross Section 4232. To 9999. %

69-Tm-169



71

Incident Energy (eV)

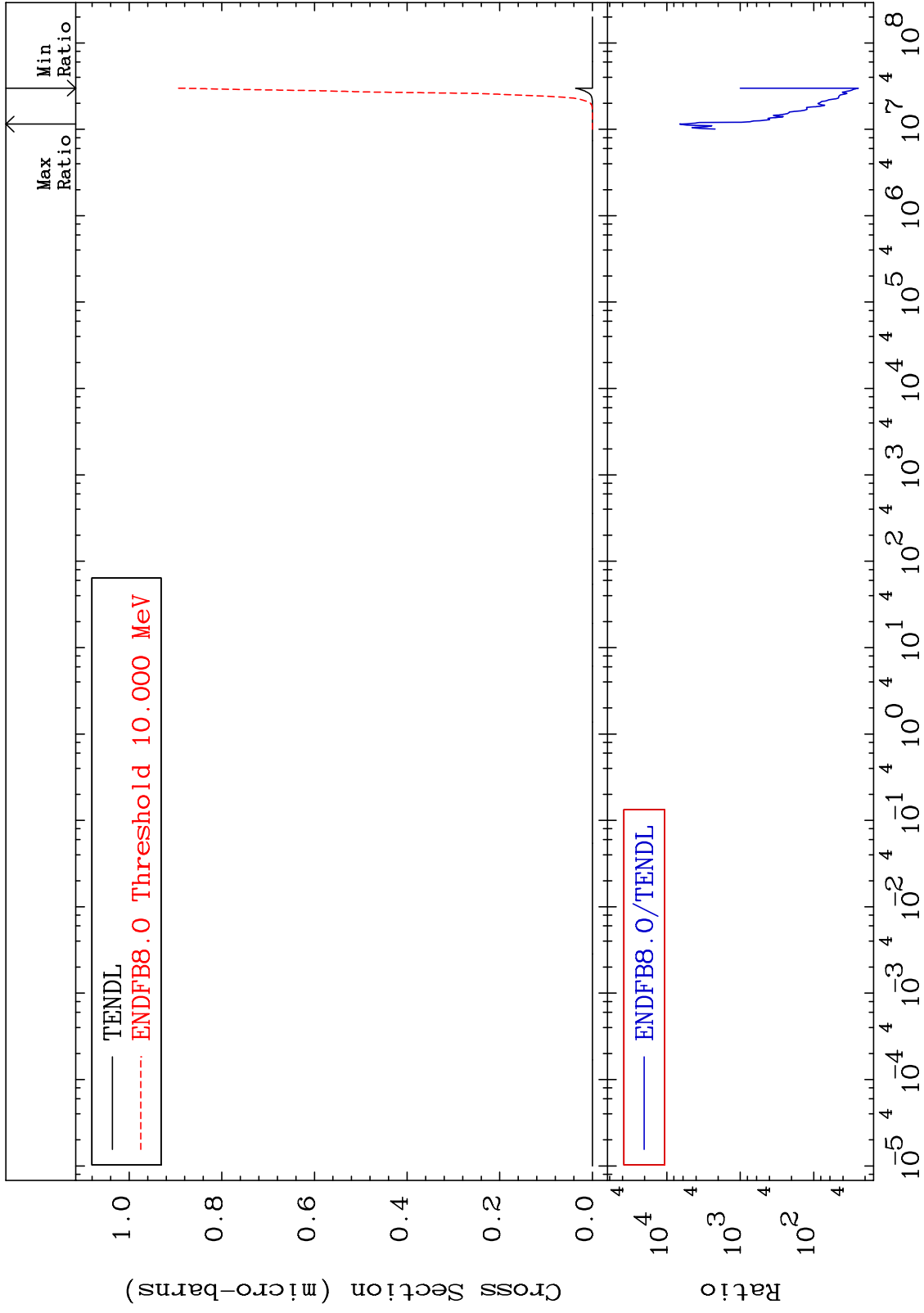
69-Tm-169

MAT 6925

(n, p) α :66-Dy-165m2

69-Tm-169

Radionuclide Production Cross Section 2366. To 9999. %



72

Incident Energy (eV)

69-Tm-169